

RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1979 to June 30, 1980

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**1979-1980**

**THE OHIO STATE UNIVERSITY**

**Harold L. Enarson, President**

**BOARD OF TRUSTEES**

	<b>Term Beginning</b>	<b>Term Expiring</b>
<b>Howard D. Sirak, Columbus</b>	<b>May 19, 1971</b>	<b>May 13, 1980</b>
<b>Patricia D. James, Cleveland</b>	<b>July 18, 1972</b>	<b>May 13, 1981</b>
<b>Chester Devenow, Toledo</b>	<b>May 14, 1973</b>	<b>May 13, 1982</b>
<b>Warren J Smith, Columbus</b>	<b>January 6, 1975</b>	<b>May 13, 1983</b>
<b>John D. Jacob, Columbus</b>	<b>May 14, 1975</b>	<b>May 13, 1984</b>
<b>Donald J. Hilliker, Bellefontaine</b>	<b>May 14, 1976</b>	<b>May 13, 1985</b>
<b>John F. Havens, Delaware</b>	<b>May 14, 1977</b>	<b>May 13, 1986</b>
<b>Daniel M. Galbreath, Columbus</b>	<b>May 14, 1978</b>	<b>May 13, 1987</b>
<b>Edmund C. Redman, Columbus</b>	<b>May 14, 1979</b>	<b>May 13, 1988</b>
<b>Leonard J. Immke, Columbus</b>	<b>May 14, 1980</b>	<b>May 13, 1989</b>

**OFFICERS**

**Patricia D. James, Chairman**  
**Chester Devenow, Vice Chairman**  
**Madison H. Scott, Secretary**  
**James W. Kristoff, Treasurer**

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FORTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 20, 1979

The Board of Trustees met at its regular monthly meeting on Friday, July 20, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

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Minutes of the last meeting were approved.

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Mrs. James introduced the new member of the Board:

Edmund C. Redman, Columbus, Ohio, who was appointed by Governor James A. Rhodes, for a term beginning May 14, 1979 and ending May 13, 1988.

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July 20, 1979 meeting, Board of Trustees

## INTRODUCTION OF PROVOST

President Enarson: I am pleased to acknowledge the presence here today, on my right, of Dr. Ann Reynolds who, as you all know, will be coming with us full time September 1, as the new Provost of the University. I have already begun to dump scores of memos, letters and problems on her desk so that she will have a full platter the moment she arrives here.

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## RESOLUTIONS IN MEMORIAM

Resolution No. 80-1

*Synopsis: Resolutions honoring the service of four of this University's faculty members and the first University Vice President who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Sirak, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Shirley Armstrong

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 27, 1979, of Shirley Armstrong, M.D., Professor Emeritus in the School of Health, Physical Education and Recreation.

Dr. Armstrong received her A.B. degree in 1919 from Indiana University and her M.D. degree in 1925 from Indiana University Medical School. She served her Internship at the New England Hospital for Women and Children in 1925-26 and attended the New York Postgraduate School in the Summers of 1930 and 1931. Joining the Women's Division of the Physical Education Department in 1926, she became a Professor in 1927 and served the University until 1958. From 1928-34 she was an Associate in the University Health Service and from 1934-58 she was an Assistant Professor of Medicine (Clinical).

Shirley Armstrong served the University for 32 years in the capacity of Medical Adviser for the Women's Physical Education Department. In this role, she organized and directed the entering physical examination program for women. In addition, she was in charge of the Hygiene 400 program which was required of every woman student. Her counseling, particularly with students who were restricted in the activity program, and her thorough understanding of the objectives of Physical Education enriched the Department considerably.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Armstrong its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and her many friends and associates have sustained.

July 20, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Glenn William Blaydes

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 26, 1979, of Glenn William Blaydes, Professor Emeritus in the Department of Botany.

Dr. Blaydes was born September 30, 1900, on a farm near Roachdale, Indiana. He attended high school there graduating in 1918. He received his Bachelor of Arts degree from Indiana University in 1924. Graduate degrees were obtained from The Ohio State University--a Master of Science in 1926 and a Doctor of Philosophy in 1931.

Dr. Blaydes taught at Ohio Wesleyan University from 1924 to 1928. In 1932 he began his long teaching career at The Ohio State University moving through the ranks to full Professor of Botany which rank he held at his retirement in August 1970. He held the title Associate Histologist in the Rubber Investigations of the U. S. Department of Agriculture from 1942 to 1944.

During his many years as a teacher, Dr. Blaydes was dedicated to excellence in teaching and he made a strong impact on many young people. He coauthored, with David F. Miller, a widely used and respected book, *Methods and Materials for Teaching Biological Sciences*, which went through two editions and was translated into Italian. His research in teaching methods, plant morphology, and the history of cultivated plants resulted in many published papers and reports. Service on important professional committees and editing the *Ohio Journal of Science* were important aspects of his contributions to his profession and the people of the State of Ohio.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Blaydes its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

William R. Krueger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of William R. Krueger, Associate Professor, Department of Art, College of the Arts, on June 12, 1979.

William R. Krueger was born in New Brunswick, New Jersey, on October 8, 1931. He was graduated from Mt. Hermon High School in Northfield, Massachusetts. He studied art at Oberlin College, where he received his Bachelor's degree. He held a Master's degree in art from the University of Wisconsin. He received a Master of Arts degree in psychology from The Ohio State University in 1976.

Before joining the faculty of the School of Art at The Ohio State University in 1962, Professor Krueger taught art at Eastern Michigan University and at Queens College in New York. In the Department of Art at The Ohio State University he served on many committees

July 20, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

William R. Krueger (contd)

including the Faculty Advisory Committee and the Administrative Committee. He revised and supervised the Studio Humanities Program in the Department of Art. He was, for several years, Chairman of the College of the Arts Research and Grants Committee.

Bill's experience as an artist and psychologist contributed greatly to his excellence as a teacher. He loved teaching; the high expectations he had of his students exemplified his love and respect for them. Bill wrestled with issues. He was intolerant of mediocrity, hypocrisy and inhumanity. He deeply believed that "we are all here to help one another." He did not choose an easy path. He cared.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of William R. Krueger. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family of William R. Krueger as sincere appreciation for the life he lived and the realization of the loss that his family, friends and associates have sustained.

Inez Ray Wells

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 6, 1979 of Inez Ray Wells, Professor Emeritus in the Academic Faculty of Vocational-Technical Education.

Professor Wells held the B.A. degree from Nebraska State Teachers College (1927), the M.A. degree from the State University of Iowa (1933), and the Ph.D. degree from The Ohio State University (1947). She taught in secondary schools in Nebraska and Nevada and in colleges in Colorado and Mississippi before joining the faculty at Ohio State in 1937.

Professor Wells was instrumental in guiding the careers of many young men and women in the field of Business Education. Particularly noted as a teacher, she stressed the importance of professional behavior in both the career and personal lives of her colleagues and students.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Wells its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and her many friends and associates have sustained.

James L. (Lew) Morrill

The Board of Trustees of The Ohio State University expresses its sorrow upon the death July 20, 1979, of Dr. James L. (Lew) Morrill, who served the University with great distinction over 22 years as Secretary of the Alumni Association, the first Junior Dean of the College of Education and the first University Vice President.

July 20, 1979 meeting, Board of Trustees

## **RESOLUTIONS IN MEMORIAM (contd)**

James L. (Lew) Morrill (contd)

Dr. Morrill was born in Marion, Ohio, on September 24, 1891. After receiving his degree from The Ohio State University in 1913, he worked in various capacities for the Cleveland Press. He returned to his alma mater in 1919 as Secretary of the Alumni Association and in 1928 was named the first Junior Dean of the College of Education. In 1932, he was appointed Vice President--the first person to hold such office.

In 1942, he was named President of the University of Wyoming and two-and-one-half-years later, he became Chancellor of the University of Minnesota.

He served as President of the National Association of State Universities and Land Grant Colleges, the National Association of State Universities, and the Association of American Universities.

Following his retirement from the University of Minnesota in 1960, he served for a decade as an educational consultant to the Ford Foundation, after which he returned to Columbus.

In 1945 The Ohio State University conferred upon him an honorary Doctor of Laws degree and in 1976, the first building on the OSU Marion Campus was named in his honor.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Morrill its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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## **CHANGE NAME OF DEPARTMENT OF SLAVIC LANGUAGES AND LITERATURES TO DEPARTMENT OF SLAVIC AND EAST EUROPEAN LANGUAGES AND LITERATURES**

Resolution No. 80-2

*Synopsis: Change name of Department of Slavic Languages and Literatures to Department of Slavic and East European Languages and Literatures is proposed.*

WHEREAS, the Department of Slavic Languages and Literatures has requested that its name be changed to the Department of Slavic and East European Languages and Literatures; and

WHEREAS, this request has the concurrence of the dean of the College of Humanities, and of the several departments within that college having closely related disciplines or interests; and

WHEREAS, the requested name change will more aptly describe the mission of the department, and the scope of its instructional and research interests:

July 20, 1979 meeting, Board of Trustees

**CHANGE NAME OF DEPARTMENT OF SLAVIC LANGUAGES AND LITERATURES  
TO DEPARTMENT OF SLAVIC AND EAST EUROPEAN LANGUAGES AND  
LITERATURES (contd)**

NOW THEREFORE

BE IT RESOLVED, that the proposal from the University Senate to change the name from Department of Slavic Languages and Literatures to Department of Slavic and East European Languages and Literatures be approved, effective upon such approval.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENT TO RULES OF THE UNIVERSITY FACULTY**

Resolution No. 80-3

*Synopsis: Approval of amendments to Rules of the University Faculty is being proposed.*

WHEREAS the University Senate pursuant to Rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate:

**AMENDED RULES**

3335-5-37	Membership
3335-5-46	Senate committees
3335-5-48	Council on academic affairs
3335-5-49	The library council
3335-5-50	Council on student affairs
3335-5-51	Athletic council
3335-5-61	Committee on public safety
3335-11-09	The Ohio unions council

The council on student affairs has recognized the graduate-professional council as the representative body in the professional student constituency and each of the foregoing named rules reflect this change.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty*, as approved by the University Senate on June 2, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

## RULES

### 3335-5-37 Membership.

There shall be a university senate, a unicameral body constituted as follows:

- (B) Non-voting members: senate members not entitled to vote on the floor of the senate, but otherwise to participate in all senate deliberations, shall include the university ombudsman, the director of alumni affairs, the president of freshman senate, the president of undergraduate student government, the vice president of undergraduate student government, the president of the council of graduate students, and the president of the graduate-professional council.

### 3335-5-46 Senate committees.

- (A) Organizing committees: the university senate shall have the following four organizing committees:

- (1) Steering committee
- (2) Program committee
- (3) Rules committee
- (4) Elections committee

Election to the organizing committees shall be by the senate upon written nomination submitted at least seven days prior to voting. The president shall nominate members of the administration; the faculty council, the council of graduate students, the graduate-professional council, and the undergraduate student assembly shall nominate members of their own constituency.

#### Steering committee

- (H) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate re-election. The representatives from the administration shall be the provost and the vice president for business and administration. The (elected) members of the steering committee shall be chosen as follows:

- (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
- (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.

**RULES (contd)**

**3335-5-46 Senate committees. (contd)**

- (3) The four student members shall be as follows:
- The president of the graduate-professional council
  - The president of the council of graduate students
  - The president of the undergraduate student government
  - One elected through nomination from the undergraduate student membership of the senate.

**3335-5-48 Council on academic affairs.**

**(A) The council on academic affairs shall consist of fourteen members.**

- (1) Five members of the university faculty, at least two of whom must be senate members, shall be nominated by the faculty membership and subject to confirmation by vote of the senate for three-year terms; one member to be elected the first year and every third year thereafter, and two members to be elected in each of the other years.
- (2) Four members of the university faculty shall be appointed by the president for three-year terms; two members to be appointed the first year and every third year thereafter, and one member to be appointed in each of the other years.
- (3) A faculty member who has completed a three-year term on the council shall not be eligible for appointment or election for one year after such service.
- (4) Four members shall be students: one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional council with the approval of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. At least one of the undergraduate students shall be a member of the university senate. Each student member shall be appointed for a one-year term and be eligible for reappointment.

**3335-5-49 The library council.**

- (A) The library council shall consist of nine members of the university faculty, one of whom is a member of the senate; the vice president for educational services; the vice provost for research and dean of the graduate school; the director of libraries; one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional**



**RULES (contd)**

**3335-5-49      The library council. (contd)**

council with the approval of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The faculty council shall appoint the nine faculty members for three-year terms, three to retire each year and to be ineligible for reappointment during one year thereafter. The chairman shall be elected from among the faculty members of the library council and he shall report to the university senate.

**3335-5-50      Council on student affairs.**

(A) The council on student affairs shall consist of fifteen members as follows:

(1) Eight students to be selected as follows:

- (a) The president of the undergraduate student government.
- (b) The president of the association of women students.
- (c) Two students appointed by the president of the undergraduate student government with the advice and consent of the student assembly.
- (d) Two students to be appointed by the president of the council of graduate students with the advice and consent of that council.
- (e) One student to be appointed by the president of the graduate-professional council with the advice and consent of that council.
- (f) One representative student appointed by the president of the freshman senate from the membership of that body.

The six students appointed shall serve one-year terms but shall be eligible for reappointment.

- (2) Six elected faculty members, at least two of whom shall be university senate members, chosen by the university senate for three-year terms, two to be chosen each year.
- (3) The vice president for student services, who shall vote in case of ties.

**3335-5-51      Athletic council.**

(A) The athletic council shall consist of fourteen members, eight of whom shall be members of the university faculty, two of whom shall be alumni of the university, and four of whom shall be students of the university. These members shall be selected as follows:

**RULES (contd)**

**3335-5-51 Athletic council. (contd)**

- (1) One faculty member shall be elected by the university senate in the spring of each year at one of its regular meetings and one faculty member shall be appointed by the president each spring. The term of service for each shall be four years commencing July 1 following election or appointment; a member serving a full term may not be reelected or reappointed until one year has passed; the terms shall be staggered so that two members retire each year.
- (2) The alumni members shall be designated by the Ohio state university association for a term of four years, the terms to be staggered so that one member retires every two years, and under such procedures as the association shall adopt.
- (3) Two undergraduate student members shall be elected by the undergraduate student government, one each year, for a term of two years under such procedures as the undergraduate student government shall adopt. One student member shall be selected by the council of graduate students for a term of one year under such procedures as the council shall adopt. One student member shall be selected by the graduate-professional council for a term of one year under such procedures as the council shall adopt.
- (4) In the event of a vacancy in the membership of the athletic council, the vacancy will be filled for the unexpired term by the same method as that originally used to fill that position.

**3335-5-61 Committee on public safety.**

- (A) The committee on public safety shall consist of eleven members as follows:
- (1) Two members of the university faculty, nominated by the faculty membership of the senate;
  - (2) Two administrators nominated by the president;
  - (3) Two staff members appointed by the vice president for business and administration;
  - (4) Two undergraduate students nominated by the undergraduate student government;
  - (5) One graduate student nominated by the council of graduate students;
  - (6) One professional student nominated by the graduate-professional council; and

July 20, 1979 meeting, Board of Trustees

### **RULES (contd)**

3335-5-61 Committee on public safety. (contd)

- (7) The director of public safety, or his designee, ex officio, non-voting.

3335-11-09 The Ohio unions council.

(A) The Ohio unions council shall consist of thirty-three members chosen as follows:

- (1) Eighteen student members chosen in accordance with rules established by the Ohio unions council.
- (2) One student appointed by the president of the undergraduate student government with the advice and consent of the student assembly; one student appointed by the president of the council of graduate students with the advice and consent of that council; one student appointed by the president of the graduate-professional council with the advice and consent of that council.
- (3) The vice president for student services; and five staff members chosen as follows: the director, Ohio unions; the program director, Ohio unions; the recreation director, Ohio unions; one residence halls staff representative; one student organization staff representative. The staff members of the Ohio unions council shall be appointed for a term of two years by the vice president for student services.
- (4) Four faculty members. The faculty members shall be appointed for a term of two years by the vice president for student services after consultation with the provost.
- (5) Two alumni members designated by the Ohio state university association for a term of three years under such procedures as the association shall adopt.

The faculty and alumni members shall not serve more than two consecutive terms on the council.

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### **DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT**

Resolution No. 80-4

*Synopsis: Approval is being requested for awarding degrees and certificates for Summer Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

July 20, 1979 meeting, Board of Trustees

#### DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT (contd)

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 30, 1979, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### PERSONNEL ACTIONS

Resolution No. 80-5

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Other Personnel Action, Resignations, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the June 7, 1979 meeting of the Board, including the following Other Personnel Action, Resignations, Appointments, Leaves of Absence without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1979-80 be approved.

##### Other Personnel Action

SAUL SEIGEL, Consultant, The Ohio State University Development Fund, July 1, 1979 through December 31, 1979, at a salary of \$3,710.00 per month.

##### Resignations

CHARLES F. BATEY, JR., Director, Affirmative Action, Office of the President, will resign his position effective August 31, 1979.

ROBERT A. BARNES, JR., Dean/Director-Regional Campuses, will resign his position effective August 31, 1979.

July 20, 1979 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments

Name: WILLIAM J. NAPIER  
Titles: Assistant to the President and Director of Governmental Relations, Office of the President  
Effective: Immediately  
Salary: \$29,700.00  
Present Position: Director, Governmental Relations, Office of Public Affairs

Name: ROBERT J. STULL  
Titles: Associate Dean, College of the Arts, and Professor Department of Art  
Effective: July 1, 1979  
Salary: \$43,560.00 (12 month)  
Present Positions: Professor and Chairman, Department of Art, The Ohio State University

Name: WILLIAM R. BUSH  
Title: Assistant Vice President  
Office: Learning Resources and Instructional Development  
Effective: July 1, 1979  
Salary: \$38,280.00 (12 month)  
Present Position: Director of Research and Course Development, University of Mid-America

Name: CHARLES T. HERMANN  
Titles: Acting Director, Mershon Center for Education in National Security and Professor, Department of Political Science  
Effective: July 1, 1979  
Salary: \$44,040.00 (12 month)  
Present Position: Professor, Department of Political Science, The Ohio State University

#### Leaves of Absence Without Salary

HOWARD P. FINK, Professor, College of Law, effective October 1, 1979 through September 30, 1980, to serve as a Visiting Professor at George Washington University.

JOHN FRIEDL, Associate Professor, Department of Anthropology, effective October 1, 1979 through March 31, 1980, to accept a postdoctoral fellowship in the Department of Health at the University of Michigan.

GORDON J. AUBRECHT, II, Assistant Professor, Department of Physics (Marion Campus), effective December 1, 1979 through September 30, 1980, to accept an Alexander von Humboldt Fellowship in Germany.

July 20, 1979 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Leaves of Absence Without Salary (contd)

WALTER A. LIEDTKE, Assistant Professor, Department of History of Art, effective October 1, 1979 through September 30, 1980, to accept a Mellon Research Fellowship for continued research into the area of Seventeenth Century Dutch Genre Painting at the Metropolitan Museum of Art in New York City.

TOSHIRO OGAWA, Assistant Professor, Department of Theatre, effective October 1, 1979 through September 30, 1980, to serve as resident lighting designer for the 1979-80 season, American Ballet Theatre in New York City.

PAUL JOSEPH QUIRK, Assistant Professor, Department of Political Science, effective October 1, 1979 through September 30, 1980, to serve as a research associate at the Brookings Institution in Washington, D. C.

RENEE Y. SANDELL, Assistant Professor, Department of Art Education, effective October 1, 1979 through September 30, 1980, to participate in a professional improvement program in Washington, D. C.

JOYCE ANN STORY, Assistant Professor, Department of Slavic Languages and Literatures, effective April 1, 1979 through June 30, 1979, for personal reasons.

E. LINDA FERRIS, Instructor, Cooperative Extension Service, effective July 9, 1979 through August 31, 1979, to complete work for the Master's Degree.

EILEENE WELKER, Instructor, Cooperative Extension Service, effective June 14, 1979 through July 31, 1979, for personal reasons.

##### Professional Improvement Leaves

ALFRED G. BISHARA, Professor, Department of Civil Engineering, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

MERTON L. DILLON, Professor, Department of History, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

JAMES F. ROBESON, Professor, Academic Faculty of Marketing, Winter Quarter 1980 and Spring Quarter 1980.

ROBERT G. TURNBULL, Professor, Department of Philosophy, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

FREDERIC J. CADORA, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

July 20, 1979 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles

WILLIAM HAMELBERG, Department of Anesthesiology, with the title Professor Emeritus, effective July 1, 1979.

CHARLES B. HICKS, Academic Faculty of Management Sciences, with the title Professor Emeritus, effective August 1, 1979.

ZEPH J. R. HOLLENBECK, Department of Obstetrics and Gynecology, with the title Professor Emeritus, effective July 1, 1979.

WILLIAM GRAYDON MYERS, Department of Radiology, with the title Professor Emeritus, effective September 1, 1979.

IRVING PINE, Department of Psychiatry, with the title Professor Emeritus, effective July 1, 1979.

ROY W. RINGS, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1979.

RALSTON RUSSELL, JR., Department of Ceramic Engineering, with the title Professor Emeritus, effective July 1, 1979.

RICHARD C. SNYDER, Academic Faculty of Educational Foundations and Research, with the title Professor Emeritus, effective July 1, 1979.

LORANE C. KRUSE, School of Nursing, with the title Associate Professor Emeritus, effective July 1, 1979.

ANNE WARMINGTON, University Libraries, with the title Assistant Professor Emeritus, effective July 1, 1979.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-6

*Synopsis: The report on contracts, grants and gifts and the summaries for May and June are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

July 20, 1979 meeting, Board of Trustees

#### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of May and June, 1979, be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### SUMMARY FOR MAY 1979

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 47,989.00
The Ohio State University Research Foundation	85	4,773,387.19
Engineering Experiment Station	3	219,653.00
		\$5,041,029.19
April 1979		
The Ohio State University Development Fund	7,129 Donors	\$1,635,661.26
Establishment of Named Fund		
The Ohio State University Women's Club Scholarship Fund (Undergraduate scholarships)		\$ 14,065.00



July 20, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### Report from Presidents Club

Members to date	3,103
1979: year to date	260
New members - May 1979	47

### New Presidents Club Members - May 1979

John Baird	Ronald G. Heiber
Bob J. Baker	Bernie A. McConnell
Dierdre O. Bersnak (Mrs. Richard P.)	Victor Lucas
Anthony E. Billett	Joseph F. McDonough, Sr.
Thom D. Black	Wilbur H. Mechwart
Lowell H. Body	Jerry R. Mendell
John O. Boyle	JoAnn Merkle
Lauren M. Brown	William A. Miller
Gary A. Clapham	William R. Morrow
Dennis E. Conard	John W. Reese
Donald B. Curley	Larry R. Ritter
Frank P. Dapore	Frederick W. Schweizer III
Richard E. Dick, Jr.	Norman W. Shibley
J. Frederick Doyle	John C. Snyder
Lizbeth Ecke	Ted H. Steilen
Fred W. Emley	Michael R. Sussman
Wallace E. Erickson	Robert W. Teater
Bradley N. Frick	Howard Teifke
Carl B. Fry	John W. Thomas
Donald W. Games	Earl Wagoner
Richard D. Gilson	Richard C. Waller, Jr.
Marvin G. Gutter	Mark S. Young
Frances K. Harding	Donald E. Zehr
W. Joseph Harper	

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR JUNE 1979**

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 51,330.00
The Ohio State University Research Foundation	129	4,809,810.01
Engineering Experiment Station	4	151,445.00
		\$5,012,585.01

**Establishment of Named Funds**

The Gilbert and Kathryn Mitchell Fund (College of Medicine)	\$ 195,985.20
Harold P. Fawcett Fund (Undergraduate or graduate students in mathematics education)	3,984.00

**Report from Presidents Club**

Members to date	3,123
1979: year to date	280
New members - June 1979	20

**New Presidents Club Members - June 1979**

Richard M. Bassett	Lewis J. Paquet
A. Gary Bitonte	Robert L. Perkins, Jr.
Charles L. Boggs	James M. Salamon
Wade L. Estep	H. E. Schmidt III
David W. Hall	Marva R. Schultz
Donald L. Katz	William J. Shondel
Jeffrey L. Kearfott	Larry E. Thomas
Kana C. King	Bryce Weiker
Delbert M. Lothes	J. Bruce Wenger
Jeffrey A. Paine	Raymond L. Wilson

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

April 1, 1979 through June 30, 1979

**OFFICE OF BUSINESS AND ADMINISTRATION**

Sponsor	No. of Projects	Level of Support
FEDERAL	1	\$ 5,000.00
STATE OF OHIO	3	94,319.00
TOTALS	4	\$99,319.00

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

April 1, 1979 through June 30, 1979

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
<b>FEDERAL</b>		
Department of Energy	5	\$ 695,333.00
National Aeronautics and Space Administration	9	311,871.00
National Science Foundation	42	1,646,411.00
Department of Defense	21	1,019,491.00
Department of Health, Education and Welfare	69	4,620,282.83
Other Federal	18	1,540,610.00
TOTAL - FEDERAL	164	\$ 9,833,998.83
STATE OF OHIO	18	\$ 593,950.01
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	85	\$ 1,609,722.36
GRANT TOTAL	267	\$12,037,671.20

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

**April 1, 1979 through June 30, 1979**

**ENGINEERING EXPERIMENT STATION**

Source	No. of Projects	Support Level
STATE OF OHIO	5	\$175,091.00
INDUSTRIAL AND OTHERS	102	401,375.00
TOTALS	107	576,466.00

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**OFFICE OF BUSINESS AND ADMINISTRATION**

**Federal Research Contract/Grant**

\$5,000.00 - U. S. Department of the Interior, Fish and Wildlife Service, Division of Contracting and General Services, Washington, D. C., Bioenergetics of Large Winter-Roosting Populations of Blackbirds and Starlings, School of Natural Resources, November 1, 1978 through June 30, 1979. (Contract No. 14-16-0008-2112, Modification No. 2)

**State of Ohio Research Contract/Grant**

\$42,989.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Youth Conservation Corps, School of Natural Resources, June 15, 1979 through September 30, 1979. (Grant No. 39-08)

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

**Federal Research Contracts/Grants**

\$900,000.00 - Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1979 through 30 September 1980. (Project 760081 - Continuation)

\$840,079.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (C. E. Martin), 1 July 1979 through 30 June 1980. (Project 761169 - Continuation)

\$140,000.00 - Environmental Protection Agency, Washington, D. C., Kinetic Study of Simulated Atmospheres Containing Common Sulfur, Nitrogen and Carbon Pollutants, Department of Chemistry (J. G. Calvert), 1 March 1979 through 29 February 1980. (Project 761545 - Continuation)

\$133,378.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Lake Erie Nearshore Surveillance Program (Western Basin), Center for Lake Erie Area Research (C. E. Herdendorf), 1 April 1979 through 31 December 1979. (Project 761093 - Continuation)

\$127,800.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Development of an Assay for Genetic Damage to Mammary Gland Cells, Department of Radiology (R. W. Hart) and Departments of Radiology and Pharmacology (S. D'Ambrosio and F. B. Daniel), 1 September 1979 through 31 August 1980. (Project 761268 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$125,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research at Low and Intermediate Energies, Department of Physics (H. J. Hausman, S. L. Blatt and T. R. Donoghue), 15 May 1979 through 31 October 1980. (Project 761653 - Continuation)

\$120,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Department of Physics (P. E. Wigen) and Department of Electrical Engineering (M. O. Thurston), 1 October 1978 through 30 September 1979. (Project 764596 - Continuation)

\$102,291.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1979 through 31 May 1980. (Project 763284 - Continuation)

\$102,158.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1979 through 30 April 1980. (Project 761128 - Continuation)

\$94,911.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program (Statistical Data Gathering, Processing and Analysis of Moving Tactical Ground Targets), ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter, E. K. Walton and A. A. Ksienski), 1 May 1979 through 30 September 1979. (Project 760914 - Continuation)

\$88,500.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Fundamental Studies of High Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1979 through 30 April 1980. (Project 761619 - Continuation)

\$84,931.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1979 through 30 April 1980. (Project 763920 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$75,021.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Expression of Epstein-Barr Virus in Hybrid Cells, Department of Medical Microbiology (R. Glaser), 1 April 1979 through 31 March 1980. (Project 761077 - Continuation)

\$68,532.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Interdisciplinary Research Project on Sliding Wear, Department of Metallurgical Engineering (D. A. Rigney), 10 June 1979 through 9 June 1980. (Project 761143 - Continuation)

\$68,433.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1979 through 31 May 1980. (Project 762720 - Continuation)

\$65,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Theoretical Foundations of Software Technology, Department of Computer and Information Science (B. Chandrasekaran, L. J. White, and H. W. Buttelmann), 1 July 1979 through 30 June 1980. (Project 761640 - Continuation)

\$63,186.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Mechanism of Fiber Release During the Prolysis of Carbon Fiber Reinforced Plastics, Department of Chemical Engineering (E. E. Smith), 1 December 1979 through 30 November 1981. (Project 761445 - Continuation)

\$59,628.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1979 through 31 March 1980. (Project 760063 - Continuation)

\$58,077.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Hydraulic Fracture and Associated Stress Modeling for the Eastern Gas Shales Program, Department of Engineering Mechanics (S. H. Advani), 1 April 1979 through 31 March 1980. (Project 761620 - New)

\$50,000.00 - Defense Civil Preparedness Agency, Washington, D. C., Studies of Disaster Evacuation Behavior and Problems, Department of Sociology (E. L. Quarantelli), 1 June 1979 through 31 July 1980. (Project 761643 - New)



July 20, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$49,696.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Rotor Flow Field Research in Low Speed Helicopter Flight, Department of Mechanical Engineering (H. R. Velkoff), 1 June 1979 through 31 May 1980. (Project 761646 - Continuation)

\$49,335.00 - National Science Foundation, Washington, D. C., Heat Transfer in Firn and Ice, Department of Mathematics (R. E. Ewing), 1 May 1979 through 30 April 1981. (Project 761626 - New)

\$49,150.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, ElectroScience Laboratory, Department of Electrical Engineering (J. H. Richmond and C. H. Walter), 1 May 1979 through 30 April 1980. (Project 761622 - New)

\$45,564.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Effect of Ethanol on Small Intestinal Function, Department of Medicine (H. S. Mekhjian), 1 June 1979 through 31 May 1980. (Project 760543 - Continuation)

\$45,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Thermally Controlled Boundary Layer Technology, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 May 1979 through 30 September 1979. (Project 761635 - New)

\$45,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Seminar-Workshop on Writing for Funding and Publication, Academic Faculty of Special Services (R. J. Silverman), 1 May 1979 through 30 April 1980. (Project 761625 - New)

\$41,632.00 - National Science Foundation, Washington, D. C., Analysis of Archaeological Material from Tal-e Maylan, Department of Anthropology (W. M. Sumner), 1 June 1979 through 31 May 1980. (Project 761645 - New)

\$40,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Applications of a Kinesthetic-Tactual Display for Aircraft Control, Department of Aviation (R. D. Gilson) and Department of Psychology (H. G. Shulman), 16 May 1979 through 15 January 1980. (Project 761642 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$39,786.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Phytochemistry of the Genus *Thalictrum*, College of Pharmacy (J. L. Beal), 1 June 1979 through 31 May 1980. (Project 761497 - Continuation)

\$39,400.00 - National Science Foundation, Washington, D. C., Chemistry and Spectroscopy of High Energy Intermediates, Department of Chemistry (M. S. Platz), 1 June 1979 through 31 May 1980. (Project 761654 - New)

\$38,615.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 May 1979 through 30 April 1980. (Project 761628 - New)

\$36,610.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Anthracycline Antitumor Agents, Department of Chemistry (J. S. Swenton), 1 February 1979 through 31 January 1980. (Project 761021 - Continuation)

\$35,683.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Phospholipid Metabolism, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1979 through 30 April 1980. (Project 764415 - Continuation)

\$33,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Course Development in Undergraduate International Studies of Education, Department of Political Science (J. E. Harf), 1 July 1979 through 30 June 1980. (Project 760748 - Continuation)

\$27,200.00 - National Science Foundation, Washington, D. C., Environmental History of Toolik Lake and Toolik Drainage, A Component of Project ALPS (Arctic Lake Process Studies), Institute of Polar Studies and Department of Zoology (P. A. Colinvaux), 1 May 1979 through 30 April 1980 (Project 761102 - Continuation)

\$25,240.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science and Mathematics Education (R. W. Howe), 19 March 1979 through 30 September 1979. (Project 760919 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$24,989.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (W. J. Zinsmeister), 1 July 1979 through 30 June 1980. (Project 761149 - Continuation)

\$23,400.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Domestic Mining and Mineral and Mineral Fuel Conservation Fellowships, Department of Civil Engineering (C. Konya), 1 September 1979 through 31 August 1980. (Project 761644 - Continuation)

\$19,981.00 - Department of the Navy, Naval Underwater Systems Center, New London Laboratory, New London, Connecticut, Normal Mode Analysis of a Layered Elastic Obstacle Immersed in Water, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 15 May 1979 through 14 May 1980. (Project 761631 - New)

\$19,616.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 15 February 1979 through 30 June 1979. (Project 761589 - Continuation)

\$17,500.00 - National Science Foundation, Washington, D. C., Study on Algebraic Combinatorics, Department of Mathematics (E. Bannai), 1 July 1979 through 30 June 1981. (Project 761630 - New)

\$16,220.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 1 April 1979 through 31 March 1980. (Project 761081 - Continuation)

\$15,000.00 - Department of State, Agency for International Development, Washington, D. C., The International Conference on Research on Malaria and Babesiosis, Department of Microbiology (J. P. Kreier), 9 March 1979 through 3 May 1979. (Project 761571 - New)

\$13,137.00 - National Science Foundation, Washington, D. C., Development of Competitive Politics in Spain, Department of Political Science (G. Shabad, K. Andersen, R. Gunther and G. A. Sani), 8 May 1979 through 29 February 1980. (Project 760836 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$10,887.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, In Search of a Theoretical Foundation for Quantitative Ultrasonic Measurement of Fracture Toughness, Department of Engineering Mechanics (L-S. Fu), 7 May 1979 through 6 September 1979. (Project 761641 - New)

\$10,825.00 - Department of the Army, Army Corps of Engineers, Buffalo, New York, Aerial Video Tape Survey of Selected Portions of Lake Erie and Lake Ontario, Department of Civil Engineering (K. W. Bedford), 19 April 1979 through 30 April 1979. (Project 761603 - New)

\$10,000.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Train the Trainer for the Florida Department of Offender Rehabilitation, National Center for Research in Vocational Education (R. E. Taylor), 15 May 1979 through 15 August 1979. (Project 761651 - New)

\$9,894.00 - Department of Energy, Solar Energy Research Institute, Golden, Colorado, Efficiency of Photoelectrochemical Cells, Department of Biochemistry (R. T. Ross), 15 April 1979 through 31 October 1979. (Project 761639 - New)

\$7,982.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Population Density and Habitat Selection by Breeding Yellow Rails at Seney National Wildlife Refuge, Michigan, Department of Zoology (T. A. Bookhout), 27 March 1979 through 30 June 1981. (Project 761561 - New)

\$7,700.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Binary Systems and Composite Sources Involving Cool and Hot Components, Department of Astronomy (R. F. Wing), 1 June 1979 through 31 May 1980. (Project 761634 - New)

\$5,712.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1978 through 30 November 1979. (Project 761466 - Continuation)

\$5,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller Aeroacoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses with Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 1 May 1979 through 14 January 1980. (Project 761510 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$4,526.00 - Department of the Army, Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. J. Rubin), 25 October 1978 through 25 October 1979. (Project 760946 - Continuation)

\$3,902.83 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 1 January 1979 through 14 February 1979. (Project 761588 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$4,234,107.83**

**State of Ohio Research Contracts/Grants**

\$83,667.00 - Ohio Department of Transportation, Columbus, Ohio, Biological Studies for Two Highway Projects in Northeastern Ohio, Center for Lake Erie Area Research (C. E. Herdendorf), 27 April 1979 through 31 March 1980. (Project 761636 - New)

\$64,500.00 - Ohio Department of Administrative Services, Columbus, Ohio, The Ohio Public Executives Program, Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 May 1979 through 30 April 1980. (Project 761610 - Continuation)

\$50,000.00 - Ohio Board of Regents, Columbus, Ohio, The Ohio Public Executives Program, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 May 1979 through 30 April 1980. (Project 761609 - Continuation)

\$34,000.00 - The Ohio Public Executives Program, Columbus, Ohio, The Ohio Public Executives Program, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 May 1979 through 30 April 1980. (Project 761611 - Continuation)

\$32,300.00 - Ohio Board of Regents, Columbus, Ohio, Development and Testing of an Educational Program on Energy Audit and Management for Small Business in Ohio, Program for Energy, Research, Education, and Public Service, Graduate School (R. E. Bailey), 15 May 1979 through 15 May 1980. (Project 761629 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$25,000.00 - State of Ohio Department of Education, Columbus, Ohio, Multi-factored Educational Assessment of Severely and Profoundly Retarded Children/Hearing Impaired Children/and Visually Handicapped Children, Academic Faculty of Exceptional Children (J. L. Collins), 1 February 1979 through 30 June 1979. (Project 761232 - Continuation)

\$23,057.00 - Ohio Department of Energy, Columbus, Ohio, Technical Assistance for Energy Conservation Projects in Eight Ohio Municipalities, Program for Energy Research, Education, and Public Service, Graduate School (W. B. Moreland), 9 May 1979 through 31 August 1979. (Project 761632 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$ 312,524.00**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$24,950.00 - The Rockefeller Foundation, New York, New York, Accelerated Farm Mechanization and Rural Population Change in the People's Republic of China, Department of Sociology (H. Y. Tien), 15 June 1979 through 14 March 1980. (Project 761649 - New)

\$22,000.00 - American Heart Association, Dallas, Texas, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry (J. O. Alben), 1 July 1979 through 30 June 1980. (Project 761115 - Continuation)

\$20,000.00 - Metropolitan Human Services Commission, Columbus, Ohio, The Assessment of Human Services Needs in Franklin County, Ohio, College of Social Work (R. O. Washington and K. Kilty), 1 March 1979 through 30 June 1979. (Project 761627 - New)

\$18,150.00 - American Heart Association, Dallas, Texas, Central Neuronal Control of Peripheral Circulation, Department of Physiology (J. A. Boulant), 1 September 1979 through 31 August 1980. (Project 761185 - Continuation)

\$15,500.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 1 February 1979 through 30 April 1979. (Project 761533 - New)

\$13,500.00 - Damon Runyon-Walter Winchell Cancer Fund, New York, New York, Short, Efficient and Stereoselective Synthesis of the First Members of the Dolastane Class, Department of Chemistry (L. A. Paquette), 1 April 1979 through 31 March 1980. (Project 761624 - New)

July 20, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$13,392.00 - Merrell National Laboratory, Cincinnati, Ohio, A Comparative Study of CEPASTAT Mouthwash as a Gargle and a Spray vs. a Saline Gargle, University Health Service, Office of Student Services (H. S. Turner, W. R. Garner, and E. R. Hatcher), 23 April 1979 through 22 June 1979. (Project 761623 - New)

\$13,200.00 - American Heart Association, Dallas, Texas, Hemodynamic Testing of Prosthetic Heart Valves, Department of Surgery (J. F. Cornhill), 1 July 1979 through 30 June 1980. (Project 761116 - Continuation)

\$12,000.00 - The Arthritis Foundation, Central Ohio Chapter, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1979 through 31 March 1980. (Project 760620 - Continuation)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1979 through 31 March 1980. (Project 760159 - Continuation)

\$9,680.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Antifertility Effects of Active Immunizations of Female Baboons with LDH-X, Department of Obstetrics and Gynecology (V. C. Stevens), 12 April 1979 through 11 April 1980. (Project 761615 - New)

\$9,515.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Evaluation of Active Immunizations of Female Baboons with Trophoblast Membrane Antigens as an Antifertility Method, Department of Obstetrics and Gynecology (V. C. Stevens), 12 April 1979 through 11 April 1980. (Project 761616 - New)

\$9,277.50 - Franklin County Mental Health and Retardation Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 April 1979 through 30 September 1979. (Project 761367 - Continuation)

\$8,975.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Studies on Antifertility Effects of Immunizations with Placental Antigens, Department of Obstetrics and Gynecology (V. C. Stevens), 12 April 1979 through 11 April 1980. (Project 761614 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$5,000.00 - The Asia Society, Inc., New York, New York, "Outreach" Program of Information Diffusion, Speaker Series, Film Series and Other School-Community-Oriented Activities Relating to China, Center for International Studies (D. M. Lampton) and Department of Political Science (B. Richardson), 1 April 1979 through 31 March 1980. (Project 761026 - Continuation)

\$4,425.00 - Martha Holden Jennings Foundation, Cleveland, Ohio, School and Community Outreach on Asia: 1979, Department of Political Science (B. Richardson), 23 March 1979 through 31 December 1979. (Project 761638 - New)

\$3,700.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 1 April 1979 through 31 May 1979. (Project 761621 - Continuation)

\$3,190.00 - The General Electric Foundation, Bridgeport, Connecticut, Career Development: Educators in Industry, Academic Faculty of Special Services (J. V. Wigtill), 1 March 1979 through 30 June 1979. (Project 761604 - New)

\$3,000.00 - University of Illinois, Champaign, Illinois, Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 June 1979 through 31 October 1979. (Project 761633 - New)

\$2,181.00 - University of Illinois, Champaign, Illinois, Corrosion Workshop, Department of Metallurgical Engineering (R. A. Rapp), 1 April 1979 through 31 March 1980. (Project 761613 - New)

\$2,000.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1976 through 31 August 1979. (Project 760643 - Continuation)

\$1,700.00 - Yale University, School of Medicine, New Haven, Connecticut, Collaborate in a Double Blind, Randomized Study of the Efficacy of Methylprednisolone in Treating Acute Spinal Cord Trauma at the National Spinal Cord Injury Centers, Department of Surgery (W. E. Hunt), 1 February 1979 through 31 January 1980. (Project 761647 - New)

\$861.00 - College of the Mainland, Texas City, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768003 - New)



July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$558.86 - Steel Founders' Society of America, Rocky River, Ohio, Corrosion Resistance of Stainless Steel and Nickel-Base Alloys, Department of Metallurgical Engineering (F. H. Beck), 1 March 1978 through 31 December 1978. (Project 761006 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$226,755.36</b>
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**ENGINEERING EXPERIMENT STATION**

**State of Ohio Supported Research and Development**

\$48,588.00 - Ohio Department of Transportation, Columbus, Ohio, for "Evaluation of Sulphur - Asphalt Paving Mixtures in Ohio: A Laboratory and Field Investigation," Department of Civil Engineering, May 1, 1979 through April 30, 1980. (EES 590/529070)

\$11,065.00 - Ohio Department of Mental Health and Mental Retardation, Columbus, Ohio, for "The Production of Fourteen Public Service Announcements," Department of Photography and Cinema, April 25, 1979 through June 30, 1979. (6642/312584)

<b>TOTAL - STATE OF OHIO SUPPORTED RESEARCH AND DEVELOPMENT</b>	<b>\$59,653.00</b>
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**Industrial and Other Supported Research and Development**

\$160,000.00 - Davis-Besse Nuclear Power Station, Oak Harbor, Ohio, for "Development of a Training Course for DBNPS Instrument and Control Technicians," Nuclear Reactor Laboratory, April 1, 1979 through January 31, 1980. (6651/312586)

**Sponsored Development Projects**

\$22,347 from various sponsors for 24 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$81,716.82 - Trust under the Will of Enid H. Seely, Clearwater, Florida, for the Howard Francis Seely Memorial Scholarship Fund.

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$55,000.00 - Estate of Elizabeth F. Wening, Fort Lauderdale, Florida, for The Herman E. and Elizabeth F. Wening Memorial Scholarship Fund.

\$50,000.00 - Structural Dynamics Research Corporation, Milford, Ohio, for the Alliance with Industry.

\$35,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$25,000.00 - Charities Foundation, Toledo, Ohio, for the Owens-Illinois Professorship in International Business.

\$23,695.82 - Systems Associates, Columbus, Ohio: \$15,434.67 for Department of Medicine General Fund and \$8,261.15 for Cardiology Support Fund.

\$20,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for Curriculum Development Workshop.

\$18,750.00 - Trust under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$18,000.00 - The Merck Company Foundation, Rahway, New Jersey: \$10,000.00 for Merck Grant for Faculty Development and \$8,000.00 for Merck Faculty and Student Development Account.

\$15,513.00 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$14,317.00 - Sisa Incorporated, Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$13,500.00 - Grange Mutual Casualty Company, Columbus, Ohio, for WOSU Support Fund.

\$13,190.21 - Battelle Fund of the Columbus Foundation, Columbus, Ohio, for Friends of WOSU.

\$12,000.00 - Mid Ohio Automotive, Inc., Nationwide Auto Parts, Columbus, Ohio, (given in the name of Louis Levy), for the Student Athlete Grant-in-Aid Fund.

\$11,040.00 - Nationwide Mutual Insurance Company, Columbus, Ohio: \$6,040.00 for WOSU Support Fund and \$5,000.00 for the C. William O'Neill Professorship of Law Fund.

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$10,000.00 - Arthur Anderson & Co. Foundation, Chicago, Illinois, for the Accounting Hall of Fame Fund.

\$10,000.00 - Harlan O. Davis Estate, Columbus, Ohio: \$5,000.00 for the John W. Galbreath Chair in Real Estate and \$5,000.00 for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$10,000.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for the duPont Young Faculty Grants.

\$10,000.00 - George F. Louis Foundation, Middle Bass, Ohio, for the George F. Lonz Foundation for Enology & Viticulture.

\$9,700.00 - Institute Straumann, Waldenburg, Switzerland, for the Dean's Education and Research Fund in Veterinary Medicine.

\$9,276.00 - John S. Vasko, M. D., Columbus, Ohio, for the Thoracic Surgery Support Fund.

\$8,901.71 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M. D.), for the Eye Bank Fund.

\$7,500.00 - The Huntington National Bank of Columbus, Ohio, for the Student-Athlete Grant-in-Aid Fund.

\$7,000.00 - Jeffrey Manufacturing Division, Worthington, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$6,500.00 - OSU Orthodontic Alumni Foundation, Columbus, Ohio, for the Orthodontia Library Fund.

\$6,000.00 - The Duriron Company, Inc., Dayton, Ohio, for the Duriron Company Metallurgical Engineering Scholarship Fund.

\$5,500.00 - Ohio Nurserymen's Association, Columbus, Ohio, for the Nursery Container Research Fund.

\$5,251.00 - Charles V. Meckstroth, M. D., Columbus, Ohio, (given in the name of Nancy Meckstroth Kaufman), for the Thoracic Surgery Support Fund.

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for the C. William O'Neill Professorship of Law Fund.

July 20, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Gifts of \$5,000 or More (contd)**

\$5,000.00 - Mr. and Mrs. Edward C. Haaf, Canal Winchester, Ohio, for the Presidents Club Special Fund.

\$5,000.00 - Norden Laboratories, Lincoln, Nebraska, for the Veterinary Pathobiology Graduate Training Fund.

\$5,000.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for the GCSAA Research Fund.

\$5,000.00 - Norman W. Shibley, Lakewood, Ohio, for the College of Law Advancement Fund.

\$5,000.00 - Universite de Montreal, Montreal, P. Q. Canada, for the Veterinary Pathobiology Graduate Teaching Fund.

#### **Gifts-in-Kind**

\$54,275.00 - Nicolet Scientific Corporation, Northvale, New Jersey, engineering equipment for the Department of Mechanical Engineering.

\$27,479.00 - Magnatech, East Granby, Connecticut, equipment and service for the Department of Welding Engineering.

\$13,099.00 - Mr. Jack Howell, Lancaster, Ohio, three standardbred mares for the College of Agriculture and Home Economics.

\$12,000.00 - Mr. Fred Johnson, Summitville, Ohio, eight Angus cows for the College of Agriculture and Home Economics.

#### **Establishment of Named Fund**

##### **The Ohio State University Women's Club Scholarship Fund**

The Ohio State University Women's Club Scholarship Fund was established July 20, 1979 by the Board of Trustees of The Ohio State University with gifts to the Development Fund from the University Women's Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships for students selected by the University Scholarship Committee.

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**OFFICE OF BUSINESS AND ADMINISTRATION**

**State of Ohio Research Contracts/Grants**

\$36,000.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Environmental Evaluation of a Nuclear Power Plant on Lake Erie, College of Biological Sciences, Center for Lake Erie Research, July 1, 1979 through June 30, 1980. (Project Number F-41-R-11)

\$15,330.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Technical Workshops in Vocational Education in Agriculture, College of Agriculture and Home Economics, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS**

**\$51,330.00**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

**Federal Research Contracts/Grants**

\$163,606.00 - Department of Health, Education, and Welfare, Office of Human Development, Region V, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Medicine, Department of Physical Medicine (E. W. Johnson), 1 July 1979 through 30 June 1980. (Project 760750 - Continuation)

\$112,641.00 - Department of Health, Education, and Welfare, Bureau of Education for the Handicapped, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1979 through 30 June 1980. (Project 760763 - Continuation)

\$106,148.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, A Model of Para-infectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 May 1979 through 30 April 1980. (Project 762797 - Continuation)

\$103,227.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine (J. N. Allen) and Department of Veterinary Pathobiology (A. Koestner), 1 September 1979 through 31 August 1980. (Project 764576 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$100,917.00 - Air Force Office of Scientific Research, Washington, D. C., In Vitro Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. E. Milo and J. R. Blakeslee), 1 July 1979 through 30 June 1980. (Project 760702 - Continuation)

\$100,478.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1979 through 30 June 1980. (Project 761501 - Continuation)

\$100,000.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Training Managers of Agency-Based Training Programs, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761723 - New)

\$94,996.00 - National Science Foundation, Washington, D. C., Risk Methodologies in Geotechnical Design of Offshore Structures, Department of Civil Engineering (T. H. Wu), 1 June 1979 through 31 October 1981. (Project 761695 - New)

\$92,700.00 - National Science Foundation, Washington, D. C., Environment and Climate at the American Equator Since Last Glacial Maximum, Institute of Polar Studies and Department of Zoology (P. A. Colinvaux), 1 July 1979 through 30 June 1981. (Project 761709 - New)

\$90,811.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis in Preleukemic Aplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 July 1979 through 31 December 1980. (Project 761704 - New)

\$86,000.00 - National Science Foundation, Washington, D. C., The Role of Hypoxia in Neurogenesis, Department of Physiology (B. T. Stokes), 15 June 1979 through 30 June 1981. (Project 761698 - New)

\$83,264.00 - Department of Energy, Argonne, Illinois, Electrical Transport and Optical Properties of Random Small Particle Composites, Department of Physics (J. C. Garland and D. B. Tanner), 1 July 1979 through 30 June 1980. (Project 761098 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$80,560.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on In Vivo Growth of Staphylococci, Department of Medical Microbiology (F. A. Kapral), 1 June 1979 through 31 May 1980. (Project 762330 - Continuation)

\$75,000.00 - National Science Foundation, Washington, D. C., A Program of Research Using Low and Medium Energy Physics Facilities, Department of Physics (R. N. Boyd), 15 April 1979 through 30 April 1980. (Project 761656 - New)

\$69,882.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1979 through 30 June 1980. (Project 761123 - Continuation)

\$69,713.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program 1978: Citizenship Education, Merston Center for Education in National Security (R. Remy), 1 July 1979 through 30 June 1980. (Project 761371 - Continuation)

\$63,360.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Traineeships, Other Graduate Programs (Formula), School of Allied Medical Professions (G. O. Johnson), 1 July 1979 through 30 June 1980. (Project 761223 - Continuation)

\$62,979.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology, Department of Psychology (J. D. Nolan), 1 July 1979 through 30 June 1980. (Project 761150 - Continuation)

\$59,692.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Hematology Training Grant, Department of Medicine (S. Balcerzak), 1 July 1979 through 30 June 1980. (Project 761180 - Continuation)

\$55,258.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Biochemical Neuropathology, Department of Medicine (J. N. Allen), 1 July 1979 through 30 June 1980. (Project 760708 - Continuation)

July 20, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$53,923.00 - National Science Foundation, Washington, D. C. Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1979 through 30 June 1980. (Project 761663 - New)

\$53,096.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Synthesis of Histrionicotoxin, A Neurotoxic Drug, Department of Chemistry (P. D. Magnus), 1 July 1979 through 30 June 1980. (Project 761702 - New)

\$52,467.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Study of Improved IFF Antennas, ElectroScience Laboratory, Department of Electrical Engineering (B. Munk), 1 January 1979 through 1 October 1979. (Project 761359 - Continuation)

\$52,245.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 July 1979 through 30 June 1980. (Project 760045 - Continuation)

\$51,811.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Functional Characteristics of Pulmonary Vascular Smooth Muscle, Department of Physiology (H. P. Pieper), 1 July 1979 through 30 June 1980. (Project 761217 - Continuation)

\$50,666.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Molecules of Biological Interest, Department of Chemistry (P. D. Magnus), 1 July 1979 through 30 June 1980. (Project 761184 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals, Department of Physics (J. C. Garland), 1 July 1979 through 30 June 1980. (Project 761192 - Continuation)

\$50,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. Fraenkel), 1 July 1979 through 30 June 1980. (Project 760415 - Continuation)



July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$49,999.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 30 June 1979 through 30 June 1980. (Project 760454 - Continuation)

\$48,700.00 - National Science Foundation, Washington, D. C., Phase Transition in Solid Hydrogen Alloys and Other Disordered Systems, Department of Physics (J. R. Gaines), 1 July 1979 through 30 June 1980. (Project 761211 - Continuation)

\$48,400.00 - Department of the Army, Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. J. Rubin), 25 October 1979 through 25 October 1980. (Project 760946 - Continuation)

\$45,929.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Role of Axoplasmic Transport in Diabetic Neuropathy, Department of Medicine (J. R. Mendell), 1 July 1979 through 30 June 1980. (Project 761706 - New)

\$44,008.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Pigmentation, Melanins and Ocular Drug Effects, College of Pharmacy (P. N. Patil), 1 June 1979 through 31 May 1980. (Project 764189 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Modelling, Control, and Simulation of Human Locomotion, Department of Electrical Engineering (H. Hemami), 1 June 1979 through 31 May 1980. (Project 761570 - New)

\$39,984.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Viscous Interaction Effects on Airfoil Performance, Department of Aeronautical and Astronautical Engineering (O. Burggraf), 1 July 1979 through 30 June 1980. (Project 761659 - New)

\$37,496.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Enzyme Immobilization for Conformation Change Detection, Department of Biochemistry (G. P. Royer), 1 July 1979 through 30 June 1980. (Project 760742 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$37,225.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1979 through 30 June 1980. (Project 761710 - New)

\$35,960.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of  $\text{Ca}^{2+}$  Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1979 through 30 June 1980. (Project 761174 - Continuation)

\$35,440.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 July 1979 through 30 June 1980. (Project 761187 - Continuation)

\$35,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Investigation of the Boundary Layer Behavior on Turbine Airfoils, Department of Mechanical Engineering (L. S. Han), 1 June 1979 through 30 September 1979. (Project 761650 - New)

\$34,401.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Pulmonary Academic Award, Department of Medicine (M. Altman), 1 June 1979 through 31 May 1980. (Project 760729 - Continuation)

\$32,762.00 - National Science Foundation, Washington, D. C., The Approximation Theory, Department of Mathematics (W. J. Davis and J. Lindenstrauss), 1 July 1979 through 30 June 1980. (Project 761132 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D. C., Theoretical Studies of Non-Uniform Many-Body Systems, Department of Physics (W. F. Saam and C. A. Ebner), 15 July 1979 through 31 July 1980. (Project 761714 - Continuation)

\$29,900.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, ElectroScience Laboratory, Department of Electrical Engineering (J. Meadors), 22 June 1979 through 30 September 1979. (Project 760547 - Continuation)

July 20, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$29,800.00 - National Science Foundation, Washington, D. C., Applications of Organosilicon Chemistry in Synthesis, Department of Chemistry (P. D. Magnus), 1 June 1979 through 31 May 1980. (Project 761162 - Continuation)

\$29,647.00 - Air Force Office of Scientific Research, Washington, D. C., The Electrophysiologic Mechanisms of Halogenated Alkane Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Straugh), 1 July 1979 through 30 June 1980. (Project 761648 - New)

\$26,364.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Research Training, Developmental Psychobiology, Department of Psychology (D. R. Meyer), 1 July 1979 through 30 June 1980. (Project 761182 - Continuation)

\$26,000.00 - National Science Foundation, Washington, D. C., On a Uniform Approach to Low 2-Rank Groups, Department of Mathematics (K. Harada), 1 July 1979 through 30 June 1981. (Project 760678 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., Information Dissemination for Science Information, Academic Faculty of Science and Mathematics Education (B. S. Thomson), 15 June 1979 through 31 October 1980. (Project 761719 - New)

\$25,000.00 - National Science Foundation, Washington, D. C., Palymology and Paleobotany of Mesozoic Rocks of the Antarctic Peninsula Area and Southern South America, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), Institute of Polar Studies (R. A. Askin), 1 June 1979 through 31 May 1980. (Project 761693 - New)

\$24,342.00 - National Science Foundation, Washington, D. C., Geology and Paleomagnetism of Mesozoic Rocks, Northern Antarctic Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), Institute of Polar Studies (R. A. Askin), 1 June 1979 through 31 May 1980. (Project 761682 - Continuation)

\$23,500.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Medical Technology - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 July 1979 through 30 June 1980. (Project 761228 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$23,400.00 - National Science Foundation, Washington, D. C., A Novel Approach to the Regiospecific Construction of Anthracycline Ring Systems. Versatile Synthons for Benzoquinone and Naphthoquinone Carbanions, Department of Chemistry (J. S. Swenton), 1 September 1979 through 31 August 1980. (Project 760846 - Continuation)

\$22,969.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1979 through 30 June 1980. (Project 760686 - Continuation)

\$22,022.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Regional Ambulatory Cancer Chemotherapy Program, College of Medicine - Administration (J. B. Battles), 1 May 1979 through 30 August 1979. (Project 764181 - Continuation)

\$20,812.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Biographical Prediction Instrument, Department of Psychology (E. T. Cornelius and D. Van De Voort), 1 July 1979 through 30 June 1980. (Project 761687 - New)

\$20,639.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Numerical Approximation for Time-Dependent Non-linear Partial Differential Equations, Department of Mathematics (R. Ewing), 1 July 1979 through 30 June 1980. (Project 761700 - New)

\$20,160.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Monitoring for the Maumee River Basin Pilot Watershed Study, Department of Agronomy (T. J. Logan), 1 July 1979 through 30 June 1980. (Project 761230 - Continuation)

\$17,982.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 October 1979 through 30 June 1981. (Project 761322 - Continuation)

\$14,091.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology Internship Training, Department of Psychiatry (P. A. Marks), 1 July 1979 through 30 June 1980. (Project 761167 - Continuation)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$13,947.00 - Air Force Office of Scientific Research, Washington, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1979 through 30 June 1980. (Project 761657 - New)

\$13,229.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., IPA Assignment Agreement Covering Research Services of Professor H. Hemami, Department of Electrical Engineering (H. Hemami), 14 May 1979 through 13 May 1980. (Project 761685 - New)

\$12,096.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry - Basic Training, Department of Psychiatry (I. W. Gregory), 1 July 1979 through 30 June 1980. (Project 761179 - Continuation)

\$9,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Workshop for In-Service Teachers of Visually Handicapped on Teaching Reading with the Optacon, Academic Faculty for Exceptional Children (M. E. Ward), 1 June 1979 through 31 May 1980. (Project 761665 - New)

\$6,466.00 - National Science Foundation, Washington, D. C., Numerical Characteristics and Local Structure of Banach Spaces, Department of Mathematics (D. R. Lewis and Y. Gordon), 4 June 1979 through 30 June 1980. (Project 760685 - Continuation)

\$5,100.00 - National Science Foundation, Washington, D. C., Classification of Bright Giant Stars and Subgiant Stars of Types G, K and M, Department of Astronomy (P. C. Keenan and A. E. Slettebak), 1 June 1979 through 29 February 1980. (Project 761239 - Continuation)

\$4,500.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 25 May 1979 through 15 May 1980. (Project 760664 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$3,246,710.00**

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants**

\$59,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, Center for Real Estate Education and Research, College of Administrative Science (R. L. Racster), 1 July 1978 through 30 June 1980. (Project 761257 - Continuation)

\$57,000.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Commercial Fishing: Gear Mortality, School of Natural Resources (D. L. Johnson) and Center for Lake Erie Area Research (J. Reutter), 1 July 1979 through 30 June 1980. (Project 761728 - New)

\$51,786.01 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Center for Human Resources Research, Academic Faculty of Labor and Human Resources and Department of Economics (S. Kelley), 1 July 1979 through 30 June 1980. (Project 761713 - New)

\$40,000.00 - State of Ohio, Department of Education, Columbus, Ohio, The Ohio Deans' Project--A Comprehensive Personnel Preparation Development Plan in Special Education, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1979 through 31 May 1980. (Project 761652 - Continuation)

\$25,500.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Management of Muskingum Mussel Populations, Ohio Biological Survey (C. C. King) and Department of Zoology (D. H. Stansbery), 1 June 1979 through 31 December 1979. (Project 761686 - New)

\$19,950.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Consortium for the Development of Professional Materials for Vocational Education (Ohio), National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 August 1980. (Project 761699 - New)

\$16,500.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Yellow Perch Parasite Research, Department of Zoology (J. L. Crites) and Center for Lake Erie Area Research (J. Reutter), 1 July 1979 through 30 June 1980. (Project 761727 - New)

\$5,732.00 - Ohio Arts Council, Columbus, Ohio, The Second Degree, Telecommunications Center (M. Mottler), 15 February 1979 through 30 September 1979. (Project 761637 - New)

July 20, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **State of Ohio Research Contracts/Grants (contd)**

\$2,158.00 - State of Ohio, Department of Economic and Community Development, Administration of Justice Division, Columbus, Ohio, Curricula Redesign Research, Academic Faculty of Special Services (R. Kelsey), 1 October 1978 through 31 May 1979. (Project 761326 - Continuation)

\$800.00 - Ohio Arts Council, Columbus, Ohio, Salute to Eastern Europe, Department of Slavic Languages and Literatures (L. Twarog), 15 September 1978 through 31 October 1978. (Project 761404 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$278,426.01**

#### **Industrial, Private, and Other Non-Federal Research Contracts/Grants**

\$243,900.00 - World Health Organization, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1979 through 30 June 1980. (Project 760113 - Continuation)

\$142,366.00 - American Cancer Society, Inc., New York, New York, Role of Gangliosides in the Pathogenesis of Gliomas, Department of Pathology (A. J. Yates) and Department of Radiology (R. W. Hart), 1 July 1979 through 30 June 1981. (Project 761715 - New)

\$96,204.00 - Hannah Neil Center for Children, Inc., Columbus, Ohio, Implementing Behavioral Treatment Activities, Academic Faculty for Exceptional Children (J. O. Cooper) and School of Health, Physical Education and Recreation (C. L. Mand), 1 June 1979 through 30 June 1980. (Project 761655 - Continuation)

\$76,000.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 21 June 1979 through 20 December 1979. (Project 761707 - New)

\$60,288.00 - Battelle Memorial Institute, Battelle Memorial Laboratories, Office of Nuclear Waste Isolation, Columbus, Ohio, Instrumentation Needs for In-Situ Testing Program, Department of Nuclear Engineering (D. W. Miller) and Department of Mechanical Engineering (P. A. Schlosser), 1 June 1979 through 31 March 1980. (Project 761662 - New)

\$49,000.00 - Endo Laboratories, Inc., Garden City, New York, Oxycodone Bioavailability, College of Pharmacy (R. H. Reuning), 1 June 1979 through 31 October 1979. (Project 761712 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$44,297.00 - World Health Organization, Geneva, Switzerland, *In Vitro* Culture of Sporogonic Stages of *Plasmodium falciparum*, Department of Entomology (W. F. Hink), 1 June 1979 through 31 May 1980. (Project 761658 - New)

\$40,000.00 - The Columbus Foundation, Columbus, Ohio, Academic and Professional Enrichment Program, Office of Minority Affairs (F. W. Hale), 1 July 1979 through 30 June 1981. (Project 761585 - New)

\$35,000.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Applications in NDR, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 January 1979 through 30 September 1979. (Project 761052 - Continuation)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 764472 - Continuation)

\$29,090.00 - NRTA-AARP Andrus Foundation, Washington, D. C., The Professional Worker, Work Alienation and Pre-Retirement Planning and Attitudes, College of Social Work (K. M. Kilty and J. H. Behling), 1 July 1979 through 30 June 1980. (Project 761688 - New)

\$27,658.00 - Public Service Commission of Maryland, Baltimore, Maryland, Measured Rate Structure and Analysis, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 21 May 1979 through 11 November 1979. (Project 761711 - New)

\$25,000.00 - Motorcycle Safety Foundation, Linthicum, Maryland, Ohio Motorcycle Safety Coordinator's Office, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761730 - New)

\$21,217.00 - Battelle Memorial Institute, Columbus, Ohio, Relation Between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 15 August 1978 through 14 August 1979. (Project 761376 - New)

\$20,000.00 - World Health Organization, Geneva, Switzerland, Detection, Isolation and Ecology of Biological Control Agents and Maintenance of an Information System in this Field, Department of Entomology (J. D. Briggs), 1 July 1979 through 30 June 1980. (Project 760988 - Continuation)



July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$18,000.00 - Board of Education of the City of New York, Brooklyn, New York, The Implementation of a Program to Reduce Educational Sex Stereotyping, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1979 through 30 August 1979. (Project 761729 - New)

\$17,049.00 - Rockwell International Corporation, Rockwell Hanford Operations, Richland, Washington, Clay Calcination Project, Department of Ceramic Engineering (C. E. Semler, Jr.), 22 May 1979 through 30 November 1979. (Project 761683 - New)

\$15,000.00 - City of Columbus, Department of Finance, Division of Fire, Columbus, Ohio, City of Columbus, Division of Fire Planning Group, Division of Continuing Education, College of Administrative Science (J. P. Stanley), 1 July 1979 through 31 December 1979. (Project 761701 - New)

\$15,000.00 - Bell Helicopter Textron, Fort Worth, Texas, Advanced T. H. Rotor Airfoil Design (GA/ADAC), Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 18 June 1979 through 7 September 1979. (Project 761694 - New)

\$15,000.00 - Muscular Dystrophy Association, New York, New York, Studies on the Embryonic Development of Normal and Dystrophic Muscles, Department of Physiology (B. T. Stokes), 1 July 1979 through 30 June 1980. (Project 761661 - New)

\$13,767.00 - Ayerst Laboratories, New York, New York, Effect of Propranolol in Myocardial Perfusion, Exercise Tolerance and Ventricular Dysrhythmias Following Saphenous Vein Graft Surgery, Department of Medicine (H. Boudoulas), 1 July 1979 through 30 June 1980. (Project 761718 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical and Histologic Analysis of Myocardium Before and After Vasodilator Therapy, Department of Medicine (D. V. Unverferth), 1 July 1979 through 30 June 1980. (Project 761692 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Exercise Testing, Platelet Aggregates, and Coronary Artery Disease, Department of Medicine (R. E. Smith), 1 July 1979 through 30 June 1980. (Project 761691 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostaglandin Alterations in Toxemic Pregnancies, Department of Pharmacology (L. K. Wong), 1 October 1979 through 30 September 1980. (Project 761681 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Regulation of NAD-linked Malic Enzyme in Heart Mitochondria, Department of Food Science and Nutrition (K. L. Roehrig), 1 October 1979 through 30 September 1980. (Project 761680 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Release of Platelet Arachidonate-Atherosclerosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1979 through 30 September 1980. (Project 761678 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Lung Endothelial Injury in Hemorrhagic and Septic Shock, Department of Surgery (B. D. Lowery), 1 October 1979 through 30 September 1980. (Project 761676 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Single and Multiple Dose Disopyramide Kinetics, College of Pharmacy (J. J. Lima), 1 October 1979 through 30 September 1980. (Project 761675 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Taurine: A Modulator of Myocardial Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 October 1979 through 30 September 1980. (Project 761674 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Noninvasively Determined Isovolumic Relaxation Period, Department of Medicine (P. K. Fulkerson), 1 October 1979 through 30 September 1980. (Project 761671 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cholesterol and Smooth Muscle Cell Proliferation, Department of Physiological Chemistry (D. Cornwell), 1 October 1979 through 30 September 1980. (Project 761669 - New)

\$10,972.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Plasma Pressor Agents in Two Forms of Hypertension, Department of Physiology (J. J. Curry), 1 October 1979 through 30 September 1980. (Project 761670 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$10,953.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Specific Assay for Digitoxin, Digoxin and Metabolites, College of Pharmacy (R. H. Reuning), 1 October 1979 through 30 September 1980. (Project 761679 - New)

\$10,920.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Control of Heart Rate and Contractility After Conditioning in Swine, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 October 1979 through 30 September 1980. (Project 761673 - New)

\$10,524.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Proliferation of Human Aortal Smooth Muscle Cells, Department of Veterinary Pathobiology (G. E. Milo and L. Allred), 1 October 1979 through 30 September 1980. (Project 761667 - New)

\$10,300.00 - American Otological Society, San Diego, California, Otosclerosis: Ultrastructural and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1979 through 30 June 1980. (Project 762789 - Continuation)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1979 through 31 March 1980. (Project 760159 - Continuation)

\$9,085.00 - Milheim Foundation for Cancer Research, Denver, Colorado, Experimental Chemotherapy with Tumor Explants, Department of Physiological Chemistry and Cancer Research Center (R. W. Trewyn), 1 July 1979 through 30 June 1980. (Project 761664 - New)

\$9,000.00 - Washington State Community College, Spokane, Washington; Walla Walla Community College, Walla Walla, Washington; City Colleges of Chicago, Chicago, Illinois; Manchester Community College, Manchester, Connecticut; Miami-Dade Community College, Miami, Florida; Brevard Community College, Cocoa, Florida; Northampton County Area Community College, Bethlehem, Pennsylvania; The Williamsport Area Community College, Williamsport, Pennsylvania; Utah Technical College at Provo, Provo, Utah, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$8,979.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Collagen of Mitral Valve Disease, Department of Pathology (N. Baba), 1 October 1979 through 30 September 1980. (Project 761668 - New)

\$7,617.00 - University of Illinois at Urbana-Champaign, Urbana, Illinois, A Population/Industry Allocation Model for ORBES, School of Architecture, Department of City and Regional Planning (S. I. Gordon), 1 June 1979 through 30 September 1979. (Project 761689 - New)

\$7,000.00 - The American University in Cairo, New York, New York, Collaborative Research with the American University Social Science Research Center in Cairo, Egypt, Mershon Center for Education in National Security (S. Z. Nagi), 1 June 1978 through 31 August 1979. (Project 760444 - Continuation)

\$5,997.00 - National Joint Painting, Decorating and Drywall Apprenticeship and Training Committee, Washington, D. C., Apprentice Instructors Seminar, National Center for Research in Vocational Education (R. E. Taylor), 15 May 1979 through 31 August 1979. (Project 761720 - New)

\$5,000.00 Massachusetts Institute of Technology, Cambridge, Massachusetts, Flight Evaluation of the Aeroacoustics of a New General Aviation Propeller, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan) and Department of Aviation (G. S. Weislogel), 1 June 1979 through 31 December 1979. (Project 761708 - New)

\$5,000.00 - Alvis House, Columbus, Ohio, Evaluation of Positive Release Program Effectiveness, College of Social Work (B. Weiss), 15 June 1979 through 15 September 1979. (Project 761690 - New)

\$5,000.00 - Beech Aircraft Corporation, Wichita, Kansas, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 1 April 1979 through 31 July 1979. (Project 761601 - New)

\$4,000.00 - Astra Lakemedel AB, Sodertalje, Sweden, A Novel Topical Drug Delivery System, College of Pharmacy (S. G. Frank), 1 May 1979 through 30 August 1979. (Project 761068 - Continuation)

\$3,591.00 - Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania, The Relationships of Social Status and Mortality in Gray Squirrels, Department of Zoology (J. D. Harder), 1 June 1979 through 31 May 1980. (Project 761696 - New)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)**

\$3,400.00 - Grumman Aerospace Corporation, Bethpage, New York, Construction of an Airfoil Model, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 9 March 1979 through 31 July 1979. (Project 761563 - New)

\$2,000.00 - Beech Aircraft Corporation, Wichita, Kansas, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 April 1979 through 31 July 1979. (Project 761716 - New)

\$1,000.00 - The Columbus Foundation, Columbus, Ohio, Columbus Foundation Internship, College of Social Work (R. O. Washington), 1 April 1979 through 15 June 1979. (Project 761705 - New)

\$500.00 - Hartzell Propeller, Inc., Piqua, Ohio, Airfoil Section Analysis for Shapes, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan), 25 June 1979 through 31 July 1979. (Project 761722 - New)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$1,284,674.00</b>
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**ENGINEERING EXPERIMENT STATION**

**State of Ohio Supported Research and Development**

\$84,617.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Development of a Driver-Based Method for the Evaluation of Traffic Control Systems for Freeway Construction and Maintenance Operations, Department of Industrial and Systems Engineering, June 15, 1979 through June 14, 1980. (EES 581 529061, Extension No. 1)

\$29,821.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Numerical Studies of the Frost Action in Roadways, Department of Engineering Mechanics, July 2, 1979 through October 1, 1980. (EES 591 529071)

<b>TOTAL - STATE OF OHIO SUPPORTED RESEARCH AND DEVELOPMENT</b>	<b>\$114,438.00</b>
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**Industrial and Other Supported Research and Development**

\$22,007.00 - Battelle Columbus Laboratories, Columbus, Ohio, for Development of a Computational Method for Analyzing Start-Up and Pick-Up of Static Off-shore Pipelines in Deepwater, Department of Mechanical Engineering, April 1, 1979 through November 30, 1979. (EES 592 529072)

July 20, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industrial and Other Supported Research and Development (contd)**

\$15,000.00 - American Iron and Steel Institute, Washington, D. C., Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1978 through April 30, 1980. (EES 307 529001, Extension No. 13)

<b>TOTAL - INDUSTRIAL AND OTHER SUPPORTED RESEARCH AND DEVELOPMENT</b>	<b>\$37,007.00</b>
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**Sponsored Development Projects**

\$41,998.00 from various sponsors for 44 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$25,064.07 - American Medical Association, Chicago, Illinois, for Faculty Seminar on Medical Education.

\$22,594.25 - Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund and Cardiology Support Fund.

\$22,500.00 - Central Ohio Lung Association, Columbus, Ohio, for Pulmonary and Respiratory Care Research Fund.

\$20,000.00 - American Broadcasting Companies, Inc., New York, New York, for Parkinsons Disease Research.

\$19,200.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$18,808.00 - University Obstetricians & Gynecologists, Columbus, Ohio, for the EPR-OBS Fund.

\$15,000.00 - TRW Foundation, Cleveland, Ohio, for the College of Engineering Campaign.

\$13,250.00 - Touche Ross Foundation, New York, New York, for the Touche Ross Discretionary Fund.

\$10,000.00 - Michael's Finer Meats, Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Ohio Power Company, New York, New York, for the American Electric Power Fund for Engineering.

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$8,463.90 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$8,229.00 - Eli Lilly and Company, Indianapolis, Indiana, for the Infectious Disease Research Fund.

\$7,200.00 - Ohio State Anesthesia Associates, Inc., Columbus, Ohio, for Anesthesia Research and Education Enhancement Fund.

\$7,000.00 - Dow Chemical Company, Midland, Michigan, for the Foundation Seed Fund.

\$6,500.00 - John D. Drinko, Cleveland, Ohio, for the C. William O'Neill Professorship of Law Fund.

\$6,350.00 - Nancy B. Ross, Columbus, Ohio, 400 shares Wendy's International Stock for the Ohio State National Merit Scholarship Program.

\$6,000.00 - Anonymous Donor for Minority Affairs Support Fund.

\$6,000.00 - Borden, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,800.00 - The Ohio State University Women's Club, Worthington, Ohio, for the University Women's Club Scholarship Fund and University Women's Club Emergency Loan Fund.

\$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Scholarship Fund.

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for the C. William O'Neill Professorship of Law Fund.

\$5,000.00 - J. Frederick Doyle, M.D., South Vienna, Ohio, for Family Medicine Development Fund.

\$5,000.00 - Isabelle Sindlinger King Estate, Columbus, Ohio, for the Isabelle King Canine Research Fund.

\$5,000.00 - TRW, Cleveland, Ohio, for the College of Engineering Campaign.

July 20, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Gift-in-Kind**

\$8,984.24 - Frigidaire, Columbus, Ohio, various Frigidaire appliances for use in the School of Home Economics.

#### **Establishment of Named Funds**

##### **The Gilbert and Kathryn Mitchell Fund**

The Gilbert and Kathryn Mitchell Fund was established July 20, 1979, by the Board of Trustees of The Ohio State University with bequests to The Ohio State University Development Fund from Gilbert and Kathryn Mitchell of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for research in connection with the prevention, cause and cure of cancer as well as diseases of the heart, kidney and eyes. At such time that sufficient funds become available, it is anticipated that this Fund may endow a Professorship and/or a Chair directed toward medical research in the field of cancer, heart, kidney and eyes. All requisitions for expenditures will be approved by the Dean of the College of Medicine.

Should the need for this Fund and/or the eventual Chair or Professorship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical research.

##### **Harold P. Fawcett Fund**

The Harold P. Fawcett Fund was established July 20, 1979 by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of Dr. Harold P. Fawcett. The Harold P. Fawcett Fund, as established, honors Dr. Harold P. Fawcett, former Chairman of the Department of Education and Professor of Mathematics Education.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.



**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**Harold P. Fawcett Fund (contd)**

The annual income from the principal is to be used to advance the cause of mathematics education in Ohio. Expenditures from the fund may include awards to outstanding undergraduate or graduate students in Mathematics Education or to teachers of mathematics in Ohio's schools and colleges. Dispersal of funds will be determined by the department chairman and a committee of alumni.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Education.

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**PLANS AND SPECIFICATIONS**

Resolution No. 80-7

*Synopsis: Plans and specifications are being proposed for the following projects.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

**BIOLOGICAL SCIENCES BUILDING-ENERGY MODIFICATION PROJECTS**

Project:	This project is funded under the Ohio Board of Regents Energy Management Program and will implement recommended energy reducing modifications to the building heating and air conditioning system based on a detailed energy analysis accomplished by The Ohio State University Energy Conservation Division and approved by The Ohio State University Energy Coordinating Committee. The work accomplished will provide for a 48% energy reduction and achieve a payback period of 2 1/2 years.
Funding:	House Bill 618, Item 315-019 (Ohio Board of Regents, Energy Program)
Estimated Project Cost:	\$437,000.00

July 20, 1979 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS (contd)**

**WENDELL D. POSTLE HALL, STEAM IMPROVEMENTS**

Project: Remove obsolete and oversized steam pressure reducing station in utility tunnel and replace with new equipment to meet current requirements for the building.

Funding: Budget Account 210134 (Contract Repair 1979-80)

Estimated Project Cost: \$ 60,000.00

**PLUMB HALL, WINDOW REPLACEMENT**

Project: Replace deteriorated windows with thermal barrier windows for ongoing energy modification savings.

Funding: Budget Account 210134 (Contract Repair 1979-80)

Estimated Project Cost: \$ 47,000.00

**GOSS LABORATORY, STEAM DISTRIBUTION IMPROVEMENTS**

Project: Remove obsolete and oversized steam pressure reducing station, boiler feed tank, and boiler feed pumps and replace with new equipment to meet current requirements of the building.

Funding: Budget Account 210134 (Contract Repair 1979-80)

Estimated Project Cost: \$ 40,000.00

**NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 20, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 80-8

*Synopsis: Contracts have been awarded for five projects to the lowest and best bidders in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**HOUSING FACILITIES - SMOKE DETECTOR INSTALLATIONS**

Description: Smoke detector installations will be installed to comply with requirements of H.B. 226, enacted by the General Assembly and incorporated into the Ohio Revised Code for installations of automatic smoke detector systems in dormitory buildings which exceed 75 feet in height and which does not have a conforming automatic smoke detector system or sprinkler system.

**Electrical Contract**

Date Received:	June 14, 1979
No. of Bids:	4
Low Bid:	\$2,088,400.00*
High Bid:	\$2,341,707.00*
Estimate of Cost:	\$3,257,850.00*
Awarded to:	States Electric Company (a Division of Meyerbank Electric, Inc.) (Columbus, Ohio)
Total Contingency Allowance:	\$ 152,396.61 which is 14% of the construction costs
Total Project Cost:	\$2,450,000.00
Funding:	Budget Account 885080 (Dormitory Revenue Funds)

\* Recommended alternates reflected in these figures.

July 20, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**OHIO STADIUM--REPLACE ARTIFICIAL TURF**

Description: Replace all artificial turf in the Ohio Stadium including a new pad under the playing field. Alternate bid was also accepted for the installation of new turf in St. John Arena.

**General Contract**

Date Received:	May 24, 1979 through The Ohio State University Purchasing Department
No. of Bids:	2
Low Bid:	\$453,490.00*
High Bid:	\$479,200.00*
Estimate of Cost:	\$485,850.00*
Awarded to:	Super Turf International, Inc. (Garland, Texas)
Total Contingency Allowance:	Not applicable
Total Project Cost:	\$485,850.00
Funding:	Budget Account 885099 (Athletic Department Revenue)

**PARKING LOT RENOVATION, STADIUM AREA**

Description: Repair and resurface parking lots.

**General Contract**

Date Received:	June 20, 1979
No. of Bids:	4
Low Bid:	\$272,000.00*
High Bid:	\$287,532.00*
Estimate of Cost:	\$306,247.22*
Awarded to:	Decker Construction Co. (Columbus, Ohio)

\*Recommended alternates reflected in these figures.

July 20, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**PARKING LOT RENOVATION, STADIUM AREA (contd)**

**General Contract (contd)**

Total Contingency Allowance:	\$ 30,000.00 which is 11% of the construction costs
Total Project Cost:	\$311,700.00
Funding:	Budget Account 885071 (Parking Revenue) and Budget Account 210134 (Contract Repair)

**ELECTRICAL DISTRIBUTION IMPROVEMENTS--PHASE II**

Description: Continuation of the project to provide alternate 13.8KV electric power service which will improve reliability, reduce duration of outages, and allow improved maintenance procedures. The alternate power will allow the buildings to be re-energized immediately on failure of service to the buildings.

**Electrical Contract**

Date Received:	July 3, 1979
No. of Bids:	3
Low Bid:	\$109,880.00*
High Bid:	\$128,000.00*
Estimate of Cost:	\$110,000.00*
Awarded to:	Electric Power Equipment Company (Columbus, Ohio)
Total Contingency Allowance:	\$ 906.16 which is .82% of the construction costs
Total Project Cost:	\$112,860.26
Funding:	H.B. 618, Utilities and Renovation (\$97,025.07) and Budget Account 882011 (\$15,835.19)

\*Recommended alternates reflected in these figures.

July 20, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ST. JOHN ARENA, REPAIR OF STEAM LINE**

Description: Repairs and improvements to the steam distribution line serving the arena, field house and ice rink.

**Mechanical Contract**

Date Received:	July 3, 1979
No. of Bids:	6
Low Bid:	\$ 90,800.00
High Bid:	\$149,900.00
Estimate of Cost:	\$ 94,000.00
Awarded to:	H. C. Wear (Columbus, Ohio)
Total Contingency Allowance:	\$ 6,384.00 which is 14% of the construction costs
Total Project Cost:	\$100,000.00
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION  
AND WELFARE (OFFICE OF EDUCATION)**

Resolution No. 80-9

*Synopsis: Assignment of "uncollectible" student loans is proposed.*

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION  
AND WELFARE (OFFICE OF EDUCATION) (contd)**

WHEREAS the University is a participant in the National Direct Student Loan Program (formerly known as the National Defense Student Loan Program); and

WHEREAS the University has experienced some delinquencies in recovering repayment of loans made to students; and

WHEREAS the University has attempted to collect these delinquencies, both through internal action and by utilizing external collection agencies; and

WHEREAS some of these loans are determined to be uncollectible; and

WHEREAS the Office of Education of the Department of Health, Education and Welfare has asked that those loans which are determined to be "uncollectible" be assigned to their office:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer may assign those loans which are determined to be uncollectible to the Office of Education of the Department of Health, Education and Welfare without recourse.

President Enarson:

Specific terms of the resolution are as follows: That the Vice President for Business and Administration and/or the Treasurer may assign those loans which were determined to be uncollectible to the Office of Education of HEW without recourse. This was presented to the Committee this morning at some length by Jim Kristoff, who gave the committee members the background of this program and some of the reasons why collections have been difficult and why this program has been in trouble nationally. He reminded all of us that the rate of delinquency at OSU was almost exactly on the nose in terms of the national average--it is about 17 per cent. It doesn't show here--I guess there was no real reason to do it--but I will say for the record that we did seek and did secure from the Attorney General a ruling which indicates clearly that this is legally permissible. The effect of clearing our books, as it were, will be to make us clearly eligible for the next round of loans from HEW. What they are trying to do is tighten up on the whole program and they have threatened not to provide the same level of funding unless there is a substantial cutback--25 per cent, was it Jim, in this program?

Mr. Galbreath: What is the percentage of loss?

President Enarson:

Well I don't know, we'll let Jim speak to this. I'm not sure that you could--

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION  
AND WELFARE (OFFICE OF EDUCATION) (contd)**

Mr. Kristoff:

This would be the first loss that we have experienced in the program and it has been going on since 1959. We have made approximately \$35 million worth of loans in those twenty years.

Mr. Havens: Our loss would be \$140,000.

President Enarson: That's right, we put up ten cents on the dollar.

Mr. Devenow: Where does that tie in with that 17 per cent?

President Enarson:

The national delinquency rate, all universities and colleges combined last year was what 17.7--

Mr. Kristoff: That's right.

President Enarson:

Something like that and we were--I've forgotten; we were 17, something like that. That's a very--

Mr. Kristoff: That's thirty days or more delinquent.

Mr. Galbreath:

That's what Mr. Devenow's question was, wasn't it, on what percentage are uncollectible really.

President Enarson:

The problem of definition is extremely difficult because, as Jim Kristoff was explaining to some of the Trustees this morning, we often, along with other universities, work along with a student who says, well, I'll pay \$10, I can't pay the \$30; and so we carry it along for awhile and if you assume that all loans that are overdue are non-collectible, that's a mistake. On the other hand you can't possibly assume that ultimately they are all collectible, there are people who die, there are people who skip the country, there are people who have left no forwarding address. Some of the loans are small.

Mr. Galbreath: You have a criterion for putting it from delinquent into uncollectible?



July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION  
AND WELFARE (OFFICE OF EDUCATION) (contd)**

President Enarson: Do you want to speak to that, Jim?

Mr. Kristoff:

Yes, for this program they have to be at least two years in default, so all of these are at least two years in default and have been to at least one, two or three collection agencies outside of our internal attempts to make collection.

Mr. Galbreath: That would be the \$140,000.

Mr. Kristoff:

Our portion is \$1,400,000, \$140,000 of which is our money. We have pursued--

Mr. Devenow: The total is \$1,400,000--

Mr. Kristoff: That's the total amount of the original balance of the notes.

Mr. Devenow:

That would be the answer to Dan's question. They have gone two years without payment and you have tried to collect.

Mr. Kristoff: That's right.

Mrs. James: Two or more years.

Dr. Sirak: The interval will start the day they graduate. Is that when it starts?

Mr. Kristoff: No, it starts nine months after they graduate.

Dr. Sirak:

Nine months after they graduate. So they have had two years and nine months, almost three years.

President Enarson:

We reminded one another this morning in a brief discussion of this that these are loans made to people who couldn't possibly get conventional loans from banks and loans made in the context of an open-admission university which encourages people to attend. The common practice and pattern here and elsewhere is for the Financial Aid office to work out a package of assistance that will include loans,

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION  
AND WELFARE (OFFICE OF EDUCATION) (contd)**

outright grants, work-study which incidentally we think is the best form of assistance. And one may not wish to sanction behavior, but one can at least understand why it is that some students who fail, wash out, leave, move away are reluctant to pay, and there is a deeper point here as all the colleges and universities around the country, I think, to some degree didn't pursue this with sufficient vigor. I think the myth began to develop in some circles that it wasn't really a debt, it was a camouflaged gift. It was one of the best arguments for having outright grants rather than loan programs that I can imagine.

Mr. Devenow: How many of these delinquencies are using bankruptcy methods?

Mr. Kristoff:

There have been some. The bankruptcy act has been changed so that I couldn't give you a number but that would not be included in here because those are handled specially and we had permission to eliminate those from the default classification.

Mr. Devenow: How much were those?

Mr. Kristoff: I'm sorry, I can't come up with that number off hand.

Mr. Galbreath:

I hear that the uncollectible is \$1,400,000, ten per cent of which is OSU money.

Mr. Kristoff: That's correct.

Mr. Galbreath:

And ten per cent which is \$140,000 which HEW, since it is in that category, is going to be reimbursed.

Dr. Sirak: A million four.

Mr. Havens:

We lose \$140,000. We will assign all these receivables, \$1,400,000 and it is their collection job, of which they probably won't get--we lose \$140,000.

President Enarson:

Which isn't real dollars because it is not--in the wildest imaginings would it ever have been possible for us to have collected that \$140,000. So for all practical purposes that money is for the most part gone. You want to say something, Dick?

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION  
AND WELFARE (OFFICE OF EDUCATION) (contd)**

Mr. Jackson:

I feel one point that might be made in addition to the conversation so far is that the Treasurer's office through the action of the Board of Trustees in this budget document is increasing its collections procedures, and I think the time and the understanding that the students now have is better. I think we will have a little better rate of collection because of the understanding and because of the effort that is going to be put forth.

Dr. Sirak: To collect?

Mr. Jackson: To collect.

Dr. Sirak: How are you going to do that? What is the change in your collection system?

Mr. Jackson: Well, Jim, do you want to describe it in detail?

Mr. Kristoff:

When the student receives the aid there is an entrance interview where it is explained to them that this is a loan, it is not a grant. The same thing when they leave. There is an exit interview that is mandatory. We have up until recently not had as much direct contact with the students internally but relied on external collection agents, and we are changing that procedure to do a more thorough job of attempting internally to collect and then passing on those that are uncollectible with our means to an external agent and then reviewing them on a more frequent basis to get them to another agent if they are not receiving any results. We have also modified the method of getting the payment statements to the students. We have changed to the data mailer form so that all the bills do get out. There had been some problems with mailing in the past so that with the staff that was on hand, all the bills didn't get out necessarily on a timely fashion so that the payments could be paid by the 25th; that has been changed. The actual pursuit of delinquent loans, the skip-tracing has been beefed up in our area to find the addresses of students that come back as being moved with no forwarding address. The internal attempts to trace these students utilizing whatever information we have internally and then going outside of the University to find new addresses. We have beefed up the staff to the point that we can contact parents and relatives, any contact that the borrowers had while they were here to try to find out where they are. One of the biggest problems has just been finding the students. We have not had cooperation of some government agencies because of the privacy act; they said that they could not share information with us. At IRS--HEW will have the capability to get information there so that they can more effectively follow these people and hopefully effect--

July 20, 1979 meeting, Board of Trustees

**ASSIGNMENT OF STUDENT LOANS TO DEPARTMENT OF HEALTH, EDUCATION  
AND WELFARE (OFFICE OF EDUCATION) (contd)**

President Enarson:

Nothing in this discussion obscures the central point. This program has been a massive program initiated by the federal government. It has made opportunity possible for literally millions of people around the country. The problems of collection have been formidable for reasons, most of which were intrinsic to the program itself, and there are students graduating each quarter here who would never have graduated from this University without these loans. There is another aspect very, very quickly. I speak here with feeling as a parent. It is easy when the student accepts the loan, but life is full and all loans have to be repaid and students are leaving this and other universities with a future mortgaged and with fairly big bills and that is not as desirable as it might be.

Dr. Sirak:

Harold, I think there is another extension of that that has, I think, to be stated and that is that if 17 per cent are in default, that means that 83 per cent are paying, and I think it is greatly unfair to the 83 per cent who are able to meet these big bills or whatever you want to call them, for the 17 per cent many of whom are simply scoffing at it.

Mr. Galbreath: Do you have any idea what the average loan amount is?

Mr. Kristoff:

I believe it is approximately \$1,000. The very small loans, these are loans that have the same fixed cost whether--they can range from \$100 to \$10,000--and in some of the graduate levels and the professional schools you will get up into the \$10,000 range but many loans are very small; on a loan by loan basis it would be very expensive to pursue them.

President Enarson:

The committee on which I serve, the Joint Committee on Health Policy, spent a good deal of its time struggling with the question of what we in the university community might recommend to the congress and the administration and as such to per capitation funding and revisions of the various programs in the health sciences, and it is obvious to me that there is likely to be even greater dependency on loans in the health sciences. Proposals are being seriously advanced for loans which in the case of a medical student might bring that person to a \$50,000 debt as of the day of graduation, and I think I will stop talking on that score, I just think that's awful.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 20, 1979 meeting, Board of Trustees

## INVESTMENT COUNSELORS

Resolution No. 80-10

*Synopsis: Reappointment of Investment Counselors for management of the University's Investment Portfolio is recommended.*

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of The Chicago Corporation to counsel in the investment of \$15,000,000 of the Endowment;

Reappointment of The Huntington Investment Management Company of Columbus to counsel in the investment of \$15,000,000 of the Endowment; and

Reappointment of The National City Bank of Cleveland to counsel in the investment of \$15,000,000 of the Endowment.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 80-11

*Synopsis: Approval for reimbursement of expenses for designated Administrative Officials is requested.*

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 20, 1979 meeting, Board of Trustees

## REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-12

RESOLVED, That the report on the University's Investment Portfolio, dated June 30, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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## COMMENTS - ENERGY CONSERVATION

Mr. Galbreath:

Yes, I would like to ask one question. A little bit earlier you were talking about some building improvements and such. Does the President's new order on heat limitations and air conditioning, does that apply to the University?

President Enarson:

Absolutely, it applies and as a matter of fact we--as they used to say in the military--we anticipated the command. We moved even before the executive order came out and that brought us a certain amount of flack. We are very much on that and indeed an additional memorandum is going out, whether it is in the mail today, I don't know, Dick, but in any event an additional memo from Dick Jackson is going everywhere within the University. Dallas Sullivan, who heads up our internal grip on energy conservation is, of course, extremely active in implementation. I might say that one longs for a single thermostat in this giant University so that by the push of a single button, you would get total compliance.

Mr. Galbreath: Does it apply to University Hospitals?

President Enarson:

It does not apply to the Hospital; it applies everywhere else. It is an extremely difficult, torturous, unending task, almost literally room by room, floor by floor to get the temperatures adjusted. My office Monday morning was 81 degrees for staff meeting and then the next morning it was 72 degrees. So throughout the entire University we are hard at work on that problem.

Mrs. James:

Mr. President, in the July 16 issue of the *Chronicle*, all the rules are here and I suggest that maybe the Board members would like to see it. It is certainly more than you ever wanted to know, but it's all here, several pages of it, so we will send it out to you.

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July 20, 1979 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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**APPENDIX I**

**Degrees Conferred at**

**THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION**

**August 30, 1979**

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## **THE RECIPIENTS OF HONORS**

### **Alan K. Campbell**

#### **Doctor of Humane Letters**

Eminent teacher, scholar, academic administrator, and public servant, Alan K. Campbell embodies the best in the tradition of public administration. With initiative and skill he strengthened and enriched the opportunities for graduate professional education in public service. With concern for his fellow citizens, he directed the most sweeping reform brought to the U. S. Civil Service since its creation. For a career of high distinction and honor, he has earned the esteem and recognition of his profession.

### **Hal Holbrook**

#### **Doctor of Humanities**

Artist, humanist, and scholar, Hal Holbrook is at once a distinguished son of Ohio and of the world at large. His unique contributions to the theatre and other media demonstrate vividly the scholarly impact that can result from a nonacademic role. As researcher, creator, and performer in the presentation of Mark Twain, he acquainted a growing public with the wit, wisdom, and humanity of a great American literary figure. His many other works and numerous awards stand in further testimony of a career dedicated to opening the minds of a nation to the rich history and literature of its heritage.

### **Robert E. Lee**

#### **Doctor of Humanities**

Distinguished playwright and educator, Robert E. Lee is widely recognized for his creative contributions to American theatre. His success as co-author of 11 Broadway plays and numerous other works is reflected in the devotion of audiences nationwide. His efforts to help establish the American Playwrights Theatre at this University have been instrumental in developing the talents of many young and unrecognized authors. In his work with this and other universities, he has contributed significantly to a deeper grasp of the critical role of the dramatic arts in society.

### **Martha Nelson Lewis**

#### **Doctor of Science**

Researcher and educator in dietetic education and practice, Martha Nelson Lewis is recognized as a pioneer in her field. Through innovation made possible only by great conviction and great persistence, she developed a curriculum in Medical Dietetics which has served as a prototype training program throughout the nation. For her ability to stimulate intellectual curiosity, she has the admiration of her students, friends, and colleagues. Standing in affirmation of her professorial talents are the numerous honors and awards she has received, including the highest honor bestowed by the American Dietetic Association.

## **THE RECIPIENTS OF THE DISTINGUISHED SERVICE AWARD**

### **Richard H. Bohning**

For nearly 35 years, Richard H. Bohning served this University with dedication of the highest order. With personal and professional devotion, he accepted positions of increasing responsibility, culminating in his distinguished leadership as dean of the College of Biological Sciences. To the wider interests of the University he brought a continuing desire to work toward the goals of academic excellence. For his long-lasting pursuits in the world of science and to the advancement of knowledge, he has earned the ultimate tribute--the esteem and recognition of his colleagues.

### **Beatrice J. Cleveland**

Professor emeritus and former associate state leader of 4-H Club Programs, Beatrice J. Cleveland has played an essential role in enriching the lives of many Ohio youth through her deep involvement in this University and the 4-H programs of the state. Under her leadership, the Ohio International 4-H Youth Exchange was recognized as one of the best in the nation. Her efforts in raising nearly one half million dollars for the Ohio 4-H Foundation affirms her long-lasting dedication to those programs, even in retirement. Her personal inspiration and professional efforts extend far beyond her formal responsibilities and the borders of this campus.

### **John Briggs Conard**

In sentiment and deed, John Briggs Conard represents a long and enduring friendship with this University. For more than 100 years, his family has been dedicated to furthering the missions of Ohio State. His grandfather dug clay and fired brick to construct the University's first building, University Hall. Mr. Conard continued this tradition by supporting and strengthening the pursuit of scholarship within these portals of academe. Through his dedication and loyalty to broadening academic opportunities, he reveals a high vision for students of today and tomorrow. For his generous offerings of time and concern in behalf of this University, he has earned the high regard of those whose lives he has enriched.

### **Jeannette LaRocque**

Formal fiscal officer and assistant to the dean in the College of Social and Behavioral Sciences, Jeannette LaRocque's generous contributions to the missions of this University extend far beyond the realms of professional duty. With keen insight and knowledge she provided guidance for those she served in managing the fiscal and personnel complexities of this academic community. To the leadership of her college, she gave invaluable counsel and assistance, mastering the puzzle of the letter and spirit of University regulations while attending the needs of faculty and students. For her deep commitment and service, she has earned the admiration of the many whose lives she touched.

### **J. Paul McNamara**

Prominent Ohio attorney, alumnus of this University, J. Paul McNamara represents the finest in dedication for his highly esteemed gifts of time and effort in behalf of legal education. Especially noteworthy was his service as chairman of the College of Law's major gifts committee, the group that raised nearly \$1 million dollars in support of the college's programs. His recent appointment as chairman of the National Council of the Colleges of Law affirms his concern for the improvement of legal education, not only at this University, but across the nation. The high regard in which he is held by his academic colleagues further reveals the full measure of his contributions.

## GRADUATE SCHOOL

Dean: Jules B. LaPidus

### Doctor of Musical Arts

Stephen Butler Brown, Alfred, NY; B.A. (Tufts University); M.M.A. (Yale University); Music

### Doctor of Philosophy

Pouneh Moghadam Alcott, Columbus; B.S., M.A.; Education

Alison Alexander, Huntington, WV; B.A. (Marshall University); M.A. (University of Kentucky); Communication

Kevin Lee Alexander, Maumee; B.S., M.S.; Physiological Optics

Carol A. Armbruster, Titusville, FL; B.A. (Cleveland State University); M.A.; Romance Languages and Literatures

El Sadig El Fadil Azrag, Khartoum, Sudan; B.Sc., M.A., M.Sc. (California Polytechnic State Institute); Agricultural Education

Albert Louis Baker, Des Moines, IA; B.A. (Drake University); M.S.; Computer and Information Science

Irene Gesa Bandy, Worthington; B.S. Ed. (Ohio University); M.A. (Eastern Kentucky University); Education

Diane Helen Toulaitos Banker, Memphis, TN; B.M. (Memphis State University); M.A.; Music

Amiah Barak, Hadera, Israel; B.A. (Bar-Ilan University); M.A.; Education

Janet Louise Beary, Shippensburg, PA; B.S., M.Ed. (Clarion State College); Education

Gordon Gene Behm, Columbus; B.S. (Heidelberg College); M.Ed. (Bowling Green State University); Education

Mark Anthony Beno, Kaukauna, WI; B.S. (Marquette University); M.S.; Chemistry

Robert Michael Bernstein, Brooklyn, NY; B.S. (Union College); M.A.; Psychology

Amy Dayle Bertelson, Missouri Valley, IA; B.S. (Nebraska Wesleyan University); M.A.; Psychology

Lee Wilson Bettis, Chicago, IL; B.A. (University of Florida); M.A. (University of California, Los Angeles); Agricultural Economics and Rural Sociology

Lorimer Richard Bjorklund, St. Cloud, MN; B.A. (State College of Iowa); M.S. (Mankato State College); Education

Arthur Weston Blaser, Seattle, WA; B.A. (University of Washington); M.A.; Political Science

William Francis Blazak, Lynn, MA; B.S. (University of Massachusetts); M.S. (University of Nebraska); Dairy Science

Howard Samuel Bossen, Philadelphia, PA; B.F.A. (Philadelphia College of Art); M.A.; Art Education

Douglas Edgar Brash, LaGrange, IL; B.S. (University of Illinois); M.S.; Biophysics

David Leon Brattain, Columbus; M.Mus. (University of Colorado); Music

Ayleen Hilt Burns, Edina, MN; B.S., M.A.; Music

Rocky Douglas Calcote, Columbus; B.S. (University of California, Davis); M.S.; Dairy Science

Andrew Zbigniew Ceranowicz, Dayton; B.S.E. (University of Connecticut); M.S.; Electrical Engineering

Ching-Shu Chao, Hsinchu, Taiwan; B.S. (National Chiao Tung University); M.S.; Electrical Engineering

Chung-I Chen, Taiwan; B.S. (Chung-Cheng Institute of Technology); M.S. (National Taiwan University); Ceramic Engineering

Hoover Juh-Huh Chen, Vestal, NY; B.S. (National Taiwan University); M.S.; Electrical Engineering

Schia-Feng Chou, Columbus, B.S. (National Tsing Hua University); M.S.; Metallurgical Engineering

Michael C. Clingerman, Kenmore, NY; B.S. (Purdue University); Chemistry

Robert Corran, Willowdale, Canada; B.Sc. (Ithaca College); M.S. (Springfield College); Physical Education

Chase William Crawford, Lima; B.A. (Ohio Wesleyan University); M.A.T. (Miami University); Education

Jane Elizabeth Crossman, Toronto, Canada; B.S. (University of Ontario); M.Sc. (Lakehead University); Physical Education

Charles Cutter, Brookline, MA; B.A., B.R.E. (Yeshiva University); M.L.S. (Pratt University); M.A. (Hunter College of the City of New York); History

Nazih Daher, Aitaneet, Lebanon; Licence (Lebanese University); M.A.; Education

Kent Michael Daum, Marion; O.D., M.S.; Physiological Optics

Curtis Woodward Davis III, Toledo; B.S.E.E., M.S.; Electrical Engineering

Phillip Jay Decker, Columbus; A.B. (San Diego State University); M.A.; Psychology

Daniel Joseph Delio, New York, NY; B.A., M.S. (Queens College); Physical Education

Frances Grimm Dennis, Centerville; B.S. (College of Mount St. Joseph on the Ohio); Chemistry

Mukund Muralidhar Desai, Nagpur, India; B.Tech. (Indian Institute of Technology, Bombay); M.S.; Metallurgical Engineering

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B.S.Bus.Adm.; Physical Education
- Joyce Elaine Hotchkiss, Dublin; B.A.  
(Paterson State College); Education
- Terrance Michael Hubbard, Cleveland;  
A.A. (Cuyahoga Community College);  
B.S.; Education
- Gayle Larner Huckleby, St. Charles,  
MI; B.S.Ed. (University of Michigan);  
Education
- Meleesa Anne Hunt, Columbus;  
B.A.; Education
- Constance Overstreet Hunter, Nich-  
olasville, KY; B.S.Ed. (Central State  
University); Education
- Lois M. Hunter, Gahanna;  
B.S.; Education
- William Barrett Hurlbut, East Hart-  
ford, CT; B.A. (Miami University);  
Theatre
- Monica Noetzel Hurley, Cleveland;  
B.S.Ed. (University of Virginia);  
Education
- Robert Scott Ingraham, Columbus;  
B.S., M.B.A.; Business Administration
- Jeff R. Ingram, Marthaville, LA;  
B.A. (Louisiana State University);  
Geography
- Frances Marian Irvin, Mount Vernon;  
B.S.Ed. (Ohio University); Education
- Dragomir N. Ivcevic, Beograd,  
Yugoslavia; Diploma (University of  
Belgrade); Industrial Design
- Deborah Ann Jackson, Columbus;  
B.S.; Education
- Jeffrey Michael Jackson, Columbus;  
B.A. (University of California, San  
Diego); Psychology
- Jill Kristin Jacobson, Columbus; B.F.A.  
(Ohio Wesleyan University); Dance
- Nadine James, Mobile, AL; B.S.  
(Alabama A & M University);  
Communication
- Daniel William Jax, Springville, NY;  
B.A. (State University of New York  
at Buffalo); Education
- Linda Thalia Johanssen, Cambridge;  
B.S.Ed.; Education
- Carolyn Johnson, Philadelphia, PA;  
B.S. (Cheyney State College);  
Education
- Hyacinth L. Johnson, Willmar, MN;  
B.S. (University of Minnesota);  
Education
- Mae DeLois Page Johnson, Salisbury,  
MD; B.A. (University of Maryland,  
Eastern Shore); Black Studies
- Jill Walden Johnstone, Bay Village;  
B.S.Ed. (Bowling Green State Uni-  
versity); Education
- Jerry Lee Jones, Newark; B.S.Ed.  
(Ohio University); Education
- Marlene Lenora Jones, Elyria;  
B.S. (University of Cincinnati);  
Communication
- Marna B. Jones, Columbus;  
A.B. (Indiana University); M.S.W.;  
Public Administration
- Mollie Janet Jones, Tabb, VA;  
B.S. (Hampton Institute); Health  
Education (Physical Education)
- Wesley Allan Jones, Circleville;  
B.S.; Education
- Wendy Paula Joseph, Columbus;  
B.A. (Ohio Wesleyan University);  
Education
- Andrew Mark Juhas, New Castle, DE;  
B.A. (Ohio University); M.S.W.;  
Public Administration
- Gail Weinberg Kadetz, Columbus;  
B.M.E.; Music
- Juley Zimmerman Kahn, Dayton;  
B.A. (University of Cincinnati);  
Communication
- Ana S. Kalinke, Columbus; (Univer-  
sidad Tecnica del Estado); Education
- Paula Weinstein Kaufman, Philadel-  
phia, PA; B.A. (Temple University);  
Communication
- Thompson Uriah Kay, Columbus;  
B.S.El.Ed. (Oakwood College);  
Education
- Shirley Thomas Keitz, Columbus;  
B.A.; Education
- Gary Edward Kelly, New York Mills,  
NY; B.S. (State University of New York  
College at Brockport); Education
- Louann S. Kent, Zanesville;  
B.S.; Education
- Allan Wayne Kenworthy, Bexley;  
A.A. (Los Angeles Valley College);  
B.A. (California State University,  
Northridge); Education
- Birgitta Krauss Ker, Worthington;  
B.A. (Muskingum College); Education
- John Robert Kesler, Columbus;  
B.S.Ed.; Education
- Allyson Stacil Keys, Washington, DC;  
B.S. (Oberlin College); Education
- Darryl Charles Kilbert, New Orleans,  
LA; B.A.El.Ed. (Dillard University);  
Education
- James E. Kimble, Jr., Cuyahoga Falls;  
B.S. (Mount Union College); Education
- Joanne Buchar Kitchen, Columbus;  
B.A.; Education
- Martha S. Klayf, Cincinnati;  
B.A. (Elmira College); Education
- Judith Marie Klobucar, Utica, MI;  
B.S.El.Ed. (Oakland University);  
Education
- Erich Arnold Klompfmaier, Holland,  
MI; B.S. (Calvin College); German
- Suzanne Marie Koebel, London,  
England; B.A. (Harvard University);  
M.S.W.; Public Administration
- James E. Kozman, Columbus;  
B.S.; Education
- Christiane Kraemer, Mannheim, West  
Germany; Zwischenprüfung (Univer-  
sity of Heidelberg); German
- Stephen Lee Krammes, Columbus;  
B.A. (Ball State University); Education
- Jamey Ann Kroplin, West Milton;  
B.A., M.A.; Communication
- June Williams Kuhn, Bucyrus;  
B.S.Ed.; Education
- Janet Parkhurst Kundert, Kettering;  
B.S.Ed. (Otterbein College); Education
- Chieh-Wen Lai, Taipei, Taiwan;  
B.S. (National Taiwan University);  
Psychology
- Brenda Pellegrini Land, Newark;  
B.S.Ed. (Youngstown State Uni-  
versity); Education
- Shirley Jones Latshaw, Worthington;  
B.A. (College of Wooster); Education
- Phyllis Lawrence, Chicago, IL; B.A.  
(Livingstone College); Education
- Shirley Feltz Lawton, Westerville;  
B.S.Ed. (Wittenberg University);  
Education
- Brenda Louise Henry Leake, Colum-  
bus; B.Ed. (University of Toledo);  
Education
- Donald Oneal Leake, Columbus; B.Ed.  
(University of Toledo); Education
- Jean Lee Thorburn Lebold, Colum-  
bus; B.S.Ed. (Bowling Green State  
University); Education
- David Paul Lewis, Columbus;  
B.A. (Capital University); Education
- Gail Andrea Lewis, Brooklyn, NY; B.S.  
(Central State University); Education
- Deborah Kay Lies, Cincinnati;  
B.S.Ed. (Miami University);  
Education
- Gary Robert Limbach, Grove City;  
B.S.Ed.; Education
- John Hoke Liston, Vermilion; B.A.  
(Northwestern University); Journalism
- Mary Callier Little, Columbus; B.A.  
(Dillard University); Education
- John Paul Littlejohn, Columbus;  
B.S.Bus.Adm.; Physical Education
- Jeannie Elizabeth Lloyd, Winston-  
Salem, NC; B.A. (Wilmington College);  
English
- Linda Louise Locher, Orelana, PA;  
B.A. (Dickinson College); M.A.;  
Psychology
- Nancy Hegwood Loik, Columbus;  
B.A.; Education
- Judith M. Long, Newark, B.S.Ed.  
(Bowling Green State University);  
Education
- Harry Lopez, Brooklyn, NY; B.S.  
(State University of New York College  
at Brockport); Political Science
- Catherine Ross Loveland, Powell; B.A.  
(Western College for Women);  
Education
- Bettie Jeanne Luidhardt, Bucyrus;  
B.A. (Wittenberg University);  
Education
- Carol A. Lyons, Dublin; B.A.El.Ed.  
(Mercyhurst College); Education
- Debra Renee Mack, Orlando, FL;  
B.S. (Bethune-Cookman College);  
Education
- Gary Dennis Madden, Pataskala;  
B.S.Ed.; Education

Robert Charles Maier, Eden, NY; B.A. (Saint Lawrence University); German

Kathy Wright Main, Kettering; B.S.; Education

Susan Jo Marantz, Chicago, IL; B.A. (Carleton College); Education

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Thomas L. Marendt, Indianapolis, IN; B.A.; Education

Gary L. Martin, Toronto; B.S., M.Ed. (Xavier University); Journalism

James W. Martin, Milford Center; B.A. (Otterbein College); Education

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Meredith Ann Martin, Westerville; B.A. (Otterbein College); Education

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Joan Hay Mastell, Columbus; B.S.Ed.; Education

Jean Ann Maxwell, Old Greenwich, CT; B.S. (Denison University); Communication

David Charles McCarty, New Carlisle; B.S.; Education

Thomas James McElligott, Columbus; B.S.Ed.; Physical Education

Linda Eakin McFadden, Columbus; B.S.Ed.; Education

Barbara Jane Cynthia McIver, Jacksonville, NC; B.A. (Livingstone College); Education

Sandra Moore McKee, Groveport; B.A.; Education

Debra Ann McMillan, Lumberton, NC; B.S. (Winston-Salem State University); Education

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Larry Philip Mentz, Houston, TX; B.S. (University of Houston); Psychology

Dorothy Bradford Merriles, Cambridge; B.S.Ed.; Education

Edward Robert Miersch, Cinnaminson, NJ; B.S. (Springfield College); Physical Education

Linda Marie Miles, Hopewell, VA; B.A. (Virginia State College); Education

Gwenyth Ann Weller Miller, Richmond; B.S.Ed.; Education

Helen Herber Miller, Columbus; B.A. (Oklahoma State University); Education

Linda L. Miller, Worthington; B.S.; Physical Education

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Sue R. Mitchell, Westerville; B.A. (Heidelberg College); Education

William Ray Mitchell, Mansfield; B.S.Ed. (Ashland College); Education

Karen Hurd Moellman, Gahanna; B.A. (Cleveland State University); Communication

Michael Gerard Mohrman, Columbus; B.A. (University of Notre Dame); M.S.W.; Public Administration

Thomas Steven Molnar, Columbus; B.S.Ed.; Education

David J. Moore, Mansfield; B.S.; Industrial Design

Linda Moosbrugger, Columbus; B.S.Ed.; Education

Virginia Ann Morelli, Columbus; B.S.Ed.; Education

Dawn L. Morgan, Euclid; B.S.S.W.; Education

Queen Ester Morgan, Waterloo, SC; B.S. (South Carolina State College); Education

Rickey Lee Morgan, Point Pleasant, WV; B.A. (West Virginia Wesleyan College); Psychology

Alison Brown Mueller, Phoenixville, PA; B.S.; Communication

Charles Ernest Mustard, Columbus; B.S.Ed.; Education

L. Allen Myers, Columbus; B.S.; Education

Marilyn Price Nachtman, Columbus; B.A. (Newton College); M.A.; Education

Frances Deckert Najafizadeh, Columbus; B.A. (Bluffton College); Education

Judith Ann Nelson, Littleton, CO; B.A. (Lawrence University); Education

Ruth Demmy Nester, Dublin; B.S.Ed. (Kent State University); Education

Patricia Ann Newcomb, Kettering; B.A. (Rockford College); Education

Nancy S. NgDung, Columbus; B.S.Ed. (Ohio Dominican College); Education

Patricia A. Nicholls, Logan; B.S.El.Ed. (Huntington College); Education

Janet L. Nicholson, Bucyrus; B.S.; Education

David Bertram Nickerson, Columbus; A.B. (Delaware State College); B.D. (Crozer Theological Seminary); M.Div. (Ashland Theological Seminary); Black Studies

Wilbert Reuben Norman, Jr., Washington, DC; B.A.; Diploma (German Film and Television Academy); Photography and Cinema

Jerry S. Nuckles, Grove City; B.A. (Ohio Northern University); Education

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Karen Lynn Oberrath, Mansfield; B.A. (Wittenberg University); Education

Chibuzo Nwadamuko Obike, Umuahia, Nigeria; B.S. (University of Nigeria); Education

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Patrick J. O'Brien, Columbus; B.A. (University of Toledo); Education

Susan Ann Okula, Columbus; B.A. (University of Connecticut); Journalism

Gretchen Bentz O'Neill, Newark; B.A.; Education

Diane Morton Oney, Worthington; B.S.Ed.; Education

Jean Marie Ontrop, St. Henry; B.S.Ed.; Education

Susan M. Osborne, Des Plaines, IL; B.A. (Wittenberg University); Physical Education

Sandra Carol Osterholtz, Steubenville; B.S.Ed.; Education

Patti Louise Overholt, Columbus; B.A.; Education

Beth Ellin Owen, Galloway; B.M. (Capital University); Music

Charles Lovett Palmer III, Columbus; B.S.; Education

Nancy Jane Palmer, Columbus; B.A. (College of Wooster); Journalism

Jacqueline Elizabeth Paris, Elyria; B.A. (North Carolina Central University); Journalism

Melissa Anne Parker, Waycross, GA; B.S. (University of North Carolina); Physical Education

Yvonne Patricia Parker, Atlanta, GA; B.S. (Oakwood College); Education

Jenifer Janet Partch, St. Cloud, MN; B.A. (Hamline University); M.A.; Public Administration

James Paul Perry, Springfield; M.S.W. (Indiana University); Ph.D.; Public Administration

Veronica Malcolm Petru, Willard; B.S.Ed.; Education

Sara M. Pfaff, Columbus; B.A. (Washington University); Education

Scott Michael Pharion, Columbus; B.A. (Ohio Dominican College); Education

Steven William Phillips, Columbus; B.S.Ed. (Miami University); Education

Linda L. Plecha, Youngstown; B.S.Ed.; Education

James Connor Porter, Jr., Asheville, NC; B.A. (University of North Carolina, Chapel Hill); Black Studies

Patricia Ann Porter, Columbus; B.A. (Ohio Dominican College); Education

Margaret Louise Prater, Mansfield; B.S.Ed. (Ashland College); Education

Emma Varchmin Pritchard, Mansfield; B.S.Ed.; Education

Ann K. Pruitt, Alderwood Manor, WA; B.A.; Education

David Calvin Quatman, Celina; B.A.; Education

Mildred Creager Quinn, Columbus; B.A.; Psychology

Lynnette M. Radigan, Martins Ferry; B.S.Ed.; Education

Karen Sue Ragen, Cincinnati; B.S.Ed.; Physical Education

Kathryn Yvonne Rainey, Norfolk, VA; B.S.El.Ed. (Norfolk State College); Education

A. Francis Anthoni Raj, Tiruchirappalli, India; B.A. (Madras University); M.A. (Madras University); Journalism

Linda Schermer Raphael, Columbus; B.S.Ed.; History

Esther Eleze Nettles Rauch, Mobile, AL; B.A. (Fisk University); English

Edward William Raymond, Shaker Heights; B.A. (Hanover College); Physical Education

John William Redman, Portsmouth; B.S.Ed. (Ohio University); Education

Cynthia Moore Reeves, Marion; B.S.Ed. (Otterbein College); Education

Robin S. Reid, Johnstown; B.S.; Education

Rosemary Plyley Renshler, Frankfort; B.M.E. (Capital University); Music

John Lawrence Rhode, Wooster; B.S., M.S.; Photography and Cinema

Phyllis Louise Rich, Bellefontaine; B.S.Ed. (Ohio University); Education

Ayo Olukayode Roberts, Lagos, Nigeria; B.A. (Central State University); Black Studies

Nancy Lou Roberts, Columbus; A.B. (University of Chicago); Education

Charles D. Robinson, Alexandria, VA; B.A. (American University); History

Linda L. Robinson, Troy; B.S.; Cert. in Dental Hygiene; Education

Joel Rosenfeld, Poughkeepsie, NY; B.S. (Springfield College); Physical Therapy Cert. (University of Pennsylvania); Physical Education

Allen William Ross, Columbus; B.A.; Education

Bradford Dwight Routson, Columbus; B.S.Ed. (Ohio University); Education

William Lester Rowley, Canton; B.S.Ed. (Bowling Green State University); Education

Susan W. Roy, Columbus; B.B.A. (Ohio University); Education

Margaret Lean Ruffin, Weldon, NC; B.A. (Saint Augustine's College); Education

Robert James Rushing, Columbus; B.A.; Education

Barbara Jean Saddler, Bradford, PA; B.A. (Wilberforce University); Black Studies

Mary A. Sadowski, Swanton; B.S.Ed. (Bowling Green State University); Art Education

Nancy Elise Sagle, Galion; B.S.; Education

David Glenn Sanders, Columbus; B.S.Ed.; Education

Lewis L. Sarr, Mt. Gilead; B.S. (Bowling Green State University); Education

Margie Diane Saul, Marion; B.S.Ed.; Education

Kim Lauren Saunders, Beachwood; B.S. (Miami University); Communication

Grant Theodore Savage, Eastford, CT; B.A. (University of Connecticut); Communication

Steven Dennis Scanlon, Columbus; B.A.; Education

Lauren Lee Schaefer, Delaware; B.S. (Miami University); Education

Karen Robertson Scheerer, Shelby; B.S.Ed.; Education

Mary M. Scheithauer, Grove City; B.S.Ed.; Education

Thomas Anthony Scheuermann, Willoughby; B.S.; Education

Keith N. Schlarb, Coshocton; B.S.; Education

Kenneth Leo Schneider, Pickerington; B.S.Ed.; Education

Marian Elois Barrett Schnetzer, Columbus; B.S. (University of Dayton); B.S.Ed.; Education

Merritt Dean Schreiber, Palos Verdes, CA; B.A. (University of Southern California); Psychology

Edda Niebel Schurter, Columbus; B.A., B.S.; Education

Michael Henry Schutz, Reisterstown, MD; B.A. (Eastern Nazarene College); Education

William J. Schwartz, Rochester, NY; B.S.; Psychology

Debra Lynn Schweikert, New Castle, PA; B.A. (Ohio Wesleyan University); Psychology

Denise Volk Seavey, Albuquerque, NM; B.A. (University of New Mexico); Education

Dennis Michael Shanahan, Columbus; A.B. (University of Notre Dame); English

David Randall Shearer, Westerville; B.A.; History

Rita Jean Sheets, Fort Wayne, IN; B.A. in Special Education (Ball State University); B.A. in Deaf Education (Ball State University); Education

Lynne Marie Shineman, Westerville; B.F.A. (University of Nebraska); Art Education

Charles Vernon Simpson, Westerville; B.S. (Kent State University); Education

Nancy Clark Sinks, Sidney; B.S.Ed. (Miami University); Education

Barbara Gail Skillman, Columbus; B.S.Ed.; Education

Sarah Suzanne Skrzypek, Pine Grove, WV; A.B. (West Liberty State College); Education

Christy Richards Slavik, Columbus; B.S.Ed.; Education

Gary E. Smith, Willard; B.S.; Education

Susie Smith, Milan, TN; B.S. (Lane College); Education

Stanley Phillip Snouffer, Worthington; B.A.E., B.F.A.; Art Education

Nancy J. Snyder, Delaware; B.S.Ed. (Bowling Green State University); Education

Judith Ann Somerlot, Columbus; B.S.Ed. (Bowling Green State University); Education

Phyllis R. Sosnick, Queens, NY; B.A. (State University of New York at Albany); Education

Vicki Williams Starkey, Columbus; B.A.; Journalism

Rochelle Fatt Steinberg, Granville; B.A., M.S.W.; Public Administration

Peter J. Steve, Youngstown; B.S. (Bowling Green State University); Education

Jeffrey J. Stevens, Newark; B.A. (Providence College); Education

Marilyn Galvin Stewart, Columbus; B.A.E.; Art Education

Sheila Woods Stokes, Toledo; B.Ed. (University of Toledo); Public Administration

Kathy Rose Strohl, Newark; B.S.Ed.; Physical Education

Jeri Lyn Studebaker, Springfield; B.A., M.A.; Education

Carl Brice Subich, Mansfield; B.F.A.; Photography and Cinema

Laura Ann Sussman, South Euclid; B.S.; Physical Education

Kay Darlene Sykes, Columbus; B.S. (Ashland College); Education

Constance Huntington Taylor, Westfield, NJ; B.A. (Denison University); Physical Education

Cassandra Lee Tellier, Westerville; B.A. (Capital University); Art Education

James Edward Thoma, Butler, PA; B.S. (Grove City College); Physical Education

Laura Jean Thomas, Griffith, IN; B.S. (Ball State University); Education

Nina Louise Thomas, Fowlstown, GA; B.A. (Talladega College); Education

Beryl Katherine Thompson, Columbus; B.A. (University of Nebraska); Education

- Emma Lester Tolliver, Columbus; B.S. (Wright State University); Education
- Lawton Tootle, Jesup, GA; B.S. (Florida Atlantic University); M.S. (University of Rhode Island); Dance
- Kim Koch Toussaint, Columbus; B.A.; Public Administration
- Audrey P. Trotter, Columbus; B.S.Ed.; Education
- Joyce Lela Updegraff, Athens; B.S.Ed. (Baldwin-Wallace College); Education
- Kurt T. Vander Horst, Celina; B.A. (Calvin College); Physical Education
- Kurt Jay Van Meter, Lima; B.A. (Kalamazoo College); Education
- Marilyn Ann Greer Vasbinder, Mt. Vernon; B.S.Ed. (Ashland College); Education
- Delores Ann Wagstaff, Newbern, AL; B.A. (Talladega College); Education
- Charlene Marie Waite, Columbus; B.S.Ed.; Education
- Jeffrey Anthony Wald, Whittier, CA; B.A. (Whittier College); Music
- Vivian A. Walsh, Trenton, NJ; B.A. (Trenton State College); Communication
- Mary Ann Walter, Westerville; B.S.Ed.; Education
- Sister Mara Walton, Buffalo, NY; B.S. (Daemen College); M.A.T. (State College of Washington); Education
- Andrea Phyllis Warnick, Fredonia, NY; B.S. (Cornell University); Psychology
- Joyce R. Wasserstein, Brooklyn, NY; B.A. (University of Rochester); Psychology
- John L. Watkins, LaRue; B.S.; Music
- Deborah A. Watson, Blue Point, NY; B.S. (State University of New York College at Brockport); Physical Education (Health Education)
- Robert Allen Watson, Columbus; B.A.; English
- Deborah Renita Webster, Huntsville, AL; B.S. (Oakwood College); Education
- Ronald David Weimer, Jr., Belpre; B.Music (Ohio Wesleyan University); Music
- Julie Ann Welborn, Portland, OR; B.S. (University of Oregon); Physical Education
- Robert Paul Walker, Columbus; B.A., B.S.; Education
- Gerald Wayne Welsh, Oshawa, Ontario, Canada; B.S.Ed.; Physical Education
- Catherine Joiner Wheeler, Columbus; B.A. (Talladega College); Education
- Sylvia Elaine White, Preston, CT; B.A. (University of Connecticut); Communication
- Carol Marie Wilkins, Columbus; B.A. (Ohio Dominican College); Communication
- Carolyn Dian Williams, Evergreen, AL; B.S. (Alabama A & M University); Communication
- Claudine D. Williams, Sedalia; B.S.Ed.; Education
- Cynthia E. Williams, Amherst; B.A. (College of Wooster); Education
- Rita A. Williamson, Portsmouth, VA; B.S. (Hampton Institute); Communication
- Ronald Emory Williamson, Buckeye Lake; B.S.; Education
- Rodger Bruce Wilson, Columbus; B.F.A.; Art Education
- Susan H. Winer, Poughkeepsie, NY; B.S. (State University of New York College at New Paltz); Education
- Barbara Mowery Wise, Columbus; B.S.N. (Ohio University); Education
- Lynda Kay Wolfe, Toledo; A.B. (Oberlin College); Psychology
- Doris Lyvonne Woodie, Coshocton; B.S.Ed. (Muskingum College); Education
- Joyce Iris Doerner Yates, Delaware; B.S.Ed.; Education
- Tunku Zailan Bt. T. Zakaria, Kuala Lumpur, Malaysia; B.A. (University of London); Art Education
- ViLora Lyn Zalusky, Columbus; B.A. (Randolph-Macon Woman's College); Education
- Karen Diane Zemba, Independence; B.A.; Communication
- Susan Carter Zimmer, Columbus; B.S. (Oberlin College); M.A. (University of Toronto); Education
- Master of Business Administration**
- Eddward P. Ballinger, Upper Arlington; B.A., J.D., M.B.A.; Business Administration
- Leonard Walter Barbe, Maumee; B.S. (John Carroll University); Business Administration
- Neil M. Bergman, Brooklyn, NY; B.A. (Brooklyn College); Business Administration
- Rebecca Beazley Bodart, Atlanta, GA; B.A. (Hanover College); Business Administration
- Richard U. Boening, Youngstown; B.A. (Marietta College); Business Administration
- Timothy David Brown, Columbus; B.S. (Pennsylvania State University); Business Administration
- Michael Louis Brue, South Charleston; B.S., M.S. (Miami University); Business Administration
- Peter D. Bursik, Columbus; B.S.Ed.; Business Administration
- Charles R. Butler, Columbus; B.B.A. (Ohio University); Business Administration
- Jacqueline Denise Carter, Edwards, MS; B.S. (Jackson State University); Business Administration
- Shabbar Nuruddin Charania, Karachi, Pakistan; M.S.; Business Administration
- Mary Ann Coffeen, Springboro; B.B.A. (Ohio University); Business Administration
- Connie Louise Delker, South Bend, IN; B.S.B.A. (University of Dayton); Business Administration
- Joseph G. Friedman, Shaker Heights; B.S.Bus.Adm.; Business Administration
- Susan Lynne Gregory, Middleburg Heights; B.A. (Ohio Wesleyan University); Business Administration
- Jack G. Groseclose, Galena; B.S.Bus.Adm.; Business Administration
- Jeanne Hartig, Columbus; B.A. (Allegheny College); M.A.; Business Administration
- Gordon Mark Homleid, Cincinnati; B.A. (Purdue University); Business Administration
- Sylvester E. C. Igwegbe, Amanator, Nigeria; B.Sc. (Lagos, Nigeria); Business Administration
- Anthony U. Inegbunbor, Uromi, Nigeria; B.Sc. (Lagos, Nigeria); Business Administration
- Susan Katherine Kostoff, Columbus; B.S.Bus.Adm.; Business Administration
- Charles William Krallman, New Albany; B.S.Bus.Adm.; Business Administration
- Clark Baker Lawrence, Columbus; B.S.; Business Administration
- William Cecil Middlebrook, Meridian, MS; B.S.Bus.Adm. (California State University); Business Administration
- Robert Louis Moehrman, Jr., Columbus; B.S.; Business Administration
- Cynthia A. Morse, Dayton; B.A. (Boston University); M.L.S. (University of Washington); Business Administration
- William Lee Nagel, Youngstown; B.S.; Business Administration
- Michael E. Nylin, Columbus; B.S., M.Arch; Business Administration
- Robert Alan O'Malley, Cincinnati; B.S.Bus.Adm.; Business Administration
- Hun Young Park, Columbus; B.B.A. (Seoul National University); Business Administration
- Maneetha Razdan, Hissar, India; B.S., M.S.; Business Administration
- Dwight Eric Smith, Springfield; B.S.; Business Administration
- Paul Raymond Streibig, Upper Arlington; B.S.Bus.Adm.; Business Administration
- Peter Charles Tomaselli, Rochester, NY; B.S. (Rochester Institute of Technology); Business Administration
- Jay Kent Tomlinson, Homewood, IL; B.A. (Blackburn College); M.S.; Business Administration
- John F. Waldorf, Jr., Reynoldsburg; B.S.Bus.Adm.; Business Administration

Michel Glower Weinrich, Columbus;  
B.S.Bus.Adm.; Business Administration

Martin Alan Weiss, University Heights;  
B.A. (Ohio University);  
Business Administration

Christopher Gunnar Widing, Columbus;  
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#### Master of City and Regional Planning

Shirley Fen-Whey Koh, Taipei, Taiwan;  
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City and Regional Planning

Steven H. Lutz, Nankin; B.S.Arch.;  
City and Regional Planning

Michael Thomas Millilo, Phoenix, AZ;  
B.S. (University of Arizona);  
City and Regional Planning

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#### Master of Fine Arts

Anne F. Downes, Concord, MA;  
B.F.A.; Art

Anthony Faiola, Seneca Falls, NY;  
A.A. (Finger Lakes Community Col-  
lege); B.F.A. (State University of New  
York College at New Paltz); M.A.  
(State University of New York at Al-  
bany); Art

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Deborah E. Neuberger, Columbus;  
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John Waters Rae, Jr., New Smyrna  
Beach, FL; B.F.A. (University of  
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Michael Loyd Sarchet, Fort Worth,  
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University); Art

Roseanne Sassano, Cleveland; B.F.A.  
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#### Master of Health Administration

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Sondra Lee Earley, Canton; B.S.;  
Allied Medical Professions

Paul Ehrenreich, Belmont, MA; B.A.  
(University of Rochester);  
Allied Medical Professions

Edward Christian Hansen, Jr., Rocky  
River; B.A. (Miami University);  
Allied Medical Professions

John Martin Hutchens, Jacksonville,  
IL; B.S. (University of Illinois);  
Allied Medical Professions

John J. Marsh III, New Philadelphia;  
B.S., M.S.; Allied Medical Professions

Robert Paul Mullen, Youngstown;  
B.A. (Case Western Reserve Universi-  
ty); Allied Medical Professions

Sister Marygrace Polino, Columbus;  
B.A. (Rosary Hill College);  
Allied Medical Professions

Robert E. Smanik, Berea; B.S. (Heidel-  
berg College);  
Allied Medical Professions

Joseph William Taylor, Wilmington,  
DE; B.A. (University of Tennessee);  
Allied Medical Professions

Arthur Mitchel Wheeler, Grove City;  
B.S.; Allied Medical Professions

Larry Leroy Younger, Canton;  
B.S., B.S.B.A. (University of Akron);  
Allied Medical Professions

#### Master of Labor and Human Resources

George K. Kronenberger, Columbus;  
B.A.; Labor and Human Resources

William Anthony LaFramboise, North  
Olmsted; B.A.;  
Labor and Human Resources

Mark Nelson Woyar, Broadview  
Heights; B.S.;  
Labor and Human Resources

#### Master of Music

Jenifer Ann Bennett, Fairfax, VA;  
B.M.E. (James Madison University);  
Music

Susan Elaine Jenkins, Wilmington, DE;  
B.S. (University of Delaware); Music

Michael W. Mills, Knob Noster, MO;  
B.Music (Central Missouri State Uni-  
versity); Music

Lynnette Port Peffley, Mansfield;  
B.A. (Bethel College); Music

Ronald Henry Saul, Kerhonkson, NY;  
B.Music (Northwestern University);  
Music

Lindsay Ayer Smith, Stony Brook,  
NY; B.Music (Heidelberg College);  
Music

Louis Anthony Vaughan, Columbus;  
B.Music; Music

#### Master of Public Administration

Douglas Reed Elliott, Jr., Eaton;  
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Richard Emerson Hill, Toledo;  
B.S., M.S.;  
Public Administration

Craig H. Hubler, Granville; B.A.;  
Public Administration

Darby Dee Myers, Columbus;  
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#### Master of Science

Patrick W. Adams, Mogadore;  
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Pharmacy

George Frederick Albright, Willard;  
B.S.; Agricultural Education

Ziyad Al-Hajj, Dammam, S. Arabia;  
B.S.; Agricultural Economics and  
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Scott Allen Anderson, Brecksville;  
B.S.; Welding Engineering

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Carolynn G. Aurnou, Columbus; B.S.  
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Dent.Hyg.; Allied Medical Professions

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Clinton David Beaver, Columbus; B.S.  
Nat. Res.; Natural Resources

Roger P. Beck, Columbus; B.S.E.E.;  
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Terry Lee Beck, Tiffin; B.S.Ed.;  
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Wayne Maurice Beedle, Baltimore; B.S.;  
Computer and Information Science

Bonnie J. Bobula, Richfield; B.S.;  
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Barbara Lynn Fisher Bott, Columbus;  
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Donald Justin Breece, Lima; B.S.;  
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Horticulture

Howard William Brown III, Columbus;  
B.S.C.E.; Civil Engineering

Robert Lynn Brugler, Bellefontaine;  
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Natural Resources

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James A. Chatfield, Lancaster; B.S.  
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Philip Hopok Cheng, Columbus; B.S.;  
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Chemistry

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Sociology

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Botany

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- Rita Rowland Lane, Springfield; B.S.H.E.; Home Economics
- Pamela Ann Lang, Canton; B.S.N. (Ohio University); Nursing
- Eugene Huen-Chee Lee, Hong Kong; B.S. Engineering (Southern Illinois University); Electrical Engineering
- Kyung W. Lee, Seoul, Korea; B.E.E.E. (Yonsei University); Electrical Engineering
- Beth J. Lenoble, Columbus; B.S. (Rutgers University); Entomology
- Louise Abigail Linden, Bowling Green; B.S.; Chemical Physics
- Colleen Marie Lovelace, West Jefferson; B.S.Nutrition; Home Economics
- Susan Pamela Magnacca, Minneapolis, MN; B.S.; Allied Medical Professions
- Lovejoy Mulambo Malambo, Monze, Zambia; B.Sc. (University of Zambia); Agricultural Economics and Rural Sociology
- Donald G. Marchlenski, Wheeling, WV; B.S. (West Virginia University); Computer and Information Science
- Sami Fouad Mardini, Cairo, Egypt; B.Eng. in E.E. (American University of Beirut); Electrical Engineering
- Cathie Sue Marshall, Columbus; B.S.; Zoology
- Randall Jay Matlow, Galena; B.S.N.R.; B.S.Ed.; Natural Resources
- Sarah Barnhardt Maxwell, Columbus; B.S.N. (Duke University); Nursing
- Michael Lee McCullough, Urbana; B.S.; Agricultural Economics and Rural Sociology
- Kathleen LaRue McGrath, Stoutsville; B.S.; Home Economics
- Rhonda Lee McKimpson, Moline, IL; B.S. (Iowa State University); Metallurgical Engineering
- Terry Lynn McNally, Mansfield; B.S.N. (Kent State University); Nursing
- Mary E. Meade, Columbus; B.S. (Michigan State University); Home Economics
- John Kurt Mehl, Columbus; B.A. (Wittenberg University); Medical Microbiology
- Vicki Lynn Melvin, Minford; B.S. (Ohio University); Home Economics
- Dale Allan Messner, Uniontown; B.S. (University of Akron); Bio-Medical Engineering
- Ronald Dale Meyers, East Moline, IL; B.A. (Cedarville College); Chemistry
- John William Miley, Sarahsville; B.S.; Agricultural Education
- Jan G. Miller, Elida; B.S.Agr.; Agricultural Education
- Charles G. Montgomery, Cincinnati; B.S. (University of Cincinnati); M.Ed. (Xavier University); Agricultural Education
- Jeffrey Noble Morgan, Lima; B.A. (Miami University); Food Science and Nutrition
- Elizabeth Morrison, Wheelersburg; B.S. (College of Saint Teresa); Nursing
- Stephen R. Mullen, Columbus; B.A. (University of Kansas); Agricultural Education
- Harold Lee Muncy, Cleveland; B.S.; Geology and Mineralogy
- Le Xuan My, Columbus; B.S.I.E. (Texas Tech University); Industrial and Systems Engineering
- Mary Anne Nacey, Elyria; B.S. (Purdue University); Dairy Science
- Subbarao V. Narla, Vijayawada, India; B.Tech. (Banaras Hindu University); Ceramic Engineering
- Laura Elaine Nick, Watertown, WI; B.S. Nursing (University of Wisconsin); Nursing
- Mary Lou Noll, Adena; B.S.N. (Ohio University); Diploma in Nursing (Ohio Valley General Hospital); Nursing
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- Kevin Christopher O'Neil, Columbus; B.S. (Ohio University); Computer and Information Science
- Susan J. Owen, West Carrollton; B.S.N. (Miami University); Nursing
- Kenneth Lee Pavkov, Westerville; B.S.; Anatomy
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- Nancy Hutchins Rafferty, Clayton; B.S. (Kent State University); Home Economics
- Diane Laura Rains, Cincinnati; B.S.; Natural Resources
- M. Margaret Rayman, Lima; B.S.; Nursing
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- Mary Catherine Tully Ross, Mt. Sterling, WI; B.S.N. (Viterbo College); Nursing
- Sandra Kay Ross, Lebanon; B.S.Agr.; Agricultural Education
- Valerie Vogel song Rowland, Ironton; B.S.; Allied Medical Professions
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- Margaret Winkler Sanchez, Columbus; B.S. (Fairleigh Dickinson University); Microbiology
- Cynthia R. Scheetz, Columbus; B.S.N. (North Park College); Nursing



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- Rodney Kent Schmidt, Covington; B.S.; Agricultural Education
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- Jonathan J. Shackleton, Dublin, Ireland; B.A.Mod. (Trinity College); Environmental Biology
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- Denise Terri Silbert, Beachwood; B.S. (University of Arizona); Nursing
- Jerry Michael Skinner, Milford; B.S. (University of Akron); Zoology
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- Nancy J. Smith, Mentor; B.Music (Capital University); Computer and Information Science
- Emile Snijders, Urbana; B.S.E.P., M.B.A.; Nuclear Engineering
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- Arthur Barry Sorkin, Washington, DC; B.A. (George Washington University); D.D.S. (Howard University); Dentistry
- August Edward Spreitzer, Cleveland; B.S.; Zoology
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- Donald Victor Veverka, Solon; B.S.Agr.; Animal Science
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#### Master of Social Work

- Jean High Franks, Columbus; B.S.Soc.Wel., M.A.; Social Work
- Mary Ann Troyanovich, New Athens; A.B. (Ohio University); Social Work

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- Leah Teresa Menosky, Chagrin Falls
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- Lisa Mollie van der Does, Columbus
- Tina Rene White, Columbus
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- Lise Carol Foldessy, Chagrin Falls
- Nancy Edyth Frankel, Lyndhurst

Carol Lyn Gahagan, Columbus  
 Lisa Ann Geha, Columbus  
 Timothy Allen Hamilton, Barborton  
 Marilyn Rose Hunt, Columbus  
 Keith Ronald Jones, Los Angeles, CA  
 Maureen Patricia Krimm, Columbus  
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 Barbara Ann Lowe, Euclid  
 Marianne Massenelli, Columbus  
 Scott Denver Newman, Portsmouth  
 Sarah Symonds Prince, Cincinnati  
 Richard Curtis Schilling, Columbus  
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 Gregory Edward Kos, Lorain B.S.  
 Neal Ervin Miller, Columbus  
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 Stephanie Sue Urfer, Columbus

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 Kim Lee Guthrie, Dayton  
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 Dan Tillman Cox, Manchester  
 Jeffrey W. Cox, Columbus  
 Janet Lucretia Crisp, Shadyside  
 Michael Walter Dagostino, Columbus  
 Kurt Eugene Deibel, Columbus  
 Carol Ann DeRosa, Toledo  
 Terri Arden Derr, Columbus  
 Timothy Alan Driscoll, Columbus  
 Patrick G. Gallagher, Columbus  
 Bonnie Kay Greenhouse, Syracuse, NY  
 Brian P. Hagerty, Columbus  
 Robert Jeffrey Heinrichs, Attica  
 Pamela Faye Hilton, Columbus  
 Kevin Charles Hosler, Rocky River  
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 Mary Jeanne Karath, Albany, NY  
 Marilyn Knoderer, Columbus  
 Scott William Line, Findlay  
 Ronald L. Maldon, Columbus  
 Susan Smith Meeks, Columbus  
 William Jay Molasky, Miami Beach, FL  
 Joe Robert Nemcik, Bloomdale  
 Leonora E. Pratt, Columbus  
 Kenneth Neil Schwartz, Providence, RI  
 Kimberly Ann Volz, Cincinnati  
 Richard James Walker, Chillicothe  
 Jeffery C. Welling, Miamisburg  
 Stephen A. Wolsefer, Columbus  
 Charlene Jifunza Wright, Columbus

#### **COLLEGE OF HUMANITIES**

Dean: Diether H. Haenicke

#### **Bachelor of Arts**

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 Claudia L. Barron, Warren  
 Richard Bertovich, Eastlake  
 Stephan Douglas Boggs, Columbus  
 Michael Rex Brown, Wintersville  
 Philip F. Brown, Parma Heights  
 Alan John Burley, Trenton  
 Vinh Pham Buu, Columbus  
 Claude Edward Caldwell, North Ridgeville  
 Patricia Caldwell, Columbus  
 Melissa Ann Clark, Pickerington  
 Michael J. Comella, Dover  
 Deanna Kaye Cook, Cincinnati  
 Jeffrey Wayne Deep, Worthington  
 Matthew Lige Epling, Huntington, WV  
 Andrea Louise Ernst, Columbus  
 James Albert Fineran, Jr., Zanesville  
 William Henry Floyd, Hamilton  
 William Jackson Fulker, Troy  
 Jeffrey Ben Glass, Shaker Heights  
 Jennifer Frances Gormas, Cincinnati  
 James A. Gray, Columbus  
 Gwendolyn Jean Horsley, Columbus  
 Curtis Hough, Jr., Lorain  
 Michael Huler, University Heights  
 Majo Jones, Columbus  
 Raymond J. Kurdziel, Lyndhurst  
 Angela Mary Martino, Reynoldsburg  
 Tracy Ashley Mollica, Worthington  
 Jerrold L. Molnar, Reynoldsburg  
 Matthew N. Osborne, Marion  
 Crystal L. Owen, Orange Park, FL  
 Steven Dana Portwood, Northfield  
 James Edward Ramey, Perrysville  
 Cheryl Sue Roof, Columbus  
 Mary Katherine Rose, Columbus  
 Sarah L. Sampson, Marysville  
 Debra Lou Schreckengost, North Canton  
 Virginia Annette Shanaman, Uniontown, NJ  
 Charles G. Steinbower, Newark  
 Deborah Lynn Stuckey, Green Springs  
 Patricia Ann Stutler, Fairborn  
 Valencia Toops, Columbus  
 Sandra Marie Walden, Columbus  
 Samuel Wesley Weaver, Columbus  
 Charles F. Whiting, Gahanna  
 Christopher James Wilson, Granville  
 Glen L. Woodson, North Canton

#### **COLLEGE OF MATHEMATICAL AND PHYSICAL SCIENCES**

Dean: Colin B. B. Bull

#### **Bachelor of Arts**

Leo Enrique Rodriguez Diaz, Maracaibo, Venezuela

#### **Bachelor of Science**

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 Wilgus Burton, Jr., Miamisburg  
 David Wynn Carpenter, Lewisville  
 Jennifer Eunice Hoyte, Reynoldsburg  
 Gulseven Iyigun, Ankara, Turkey  
 Jill Ann Kallas, Johnstown  
 William Alvin Kinney, Bedford, MA  
 Anne Roberta Kummerle, Toledo  
 Philip Alan Mishins, South Euclid  
 Douglas David Moseley, West Chester  
 Karen Ruth Newcomb, Columbus  
 Hagai Ohel, Columbus  
 Gene A. Oleynik, Columbus  
 Dewey A. Ortiz, Buffalo, NY  
 Kenneth E. Parsons, Bloomingdale

Mark A. Powell, Warren  
 James Edward Rogan, Mount Vernon  
 Martin Allen Schmidt, Columbus  
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 Cynthia Marie Spade, Worthington  
 James B. Wilkens, Jr., Toledo

#### **COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES**

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#### **Bachelor of Arts**

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 Rowena Willey Ashton, Columbus  
 Joyce Kay Askew, Gallipolis  
 Rosemarie Baljak, Columbus  
 Robert Richard Barksdale, Jr., Columbus  
 Jana McGlade Basham, Columbus  
 Nancy Lynn Bassett, Worthington  
 Sally Ann Beaty, Lake Park, FL  
 Kevin Hamilton Bell, Columbus  
 Karen L. Bender, Westerville  
 Sheila A. Blockovich, Columbus  
 William E. Bogart, Marion  
 Lee Ellen Boger, Upper Sandusky  
 Etha Clay Britt, Columbus  
 Mark A. Burke, Columbus  
 Tammy R. Bush, Middletown  
 Ruth Sullivan Church, Columbus  
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 William Dennis Clark, Columbus  
 Candace Lee Clause, Oakland, NJ  
 Luanne Clay, Columbus  
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 Mark Heath Crossman, Cincinnati  
 Armetia DeHart, Youngstown  
 Jeffrey James Ellis, Springfield  
 Thomas Keith Emswiler, Columbus  
 Jeffrey Edward Fangman, Sylvania  
 Jan Carole Fooksman, Dayton  
 Diane B. Frederick, Brecksville  
 John S. Gallick, III, Columbus  
 Rita George, Columbus  
 Marlene Frank Goldberg, Columbus  
 Marcie Ann Golden, Columbus  
 Michele J. Greene, Cleveland  
 Sophia St. Clair Griffith, Columbus  
 Jane Elizabeth Grindstaff, Columbus  
 Brian David Hass, Columbus  
 Janet Lynn Hausberger, Columbus  
 Rebecca J. Hoelzer, Castalia  
 Mark D. Holden, Olmsted Falls  
 Patrick Michael Homoelle, Hilliard  
 William Harold Hurley, Worthington  
 Adriane Estelle Jackson, Cincinnati  
 John Joseph Jacobs, Columbus  
 Gary Anthony Hickerson Jones, Cleveland  
 William Lawrence Kahn, Columbus  
 Deborah A. Kaple, Sidney  
 Sharon L. Keller, Columbus  
 Karri Lynn Kessler, Lancaster  
 James G. Kniep, Toledo  
 Jane Krawczyk, Barrington, IL  
 Michael Andrew Kuna, Sidney  
 Clifford Thomas Labyk, Broadview Heights  
 Colleen S. Linzy, Toledo  
 Patrick M. Long, Lima  
 Paul Philip Lonsinger, Utica  
 Rebecca Marie Manson, Columbus  
 Mark Brad Marein, University Heights  
 Dorinda Ann Mark, South Bend, IN  
 Rob F. Maurer, Columbus  
 Hope Ellis Mayer, Weston, CT  
 Yvonne Denise McCarroll, Columbus  
 Samuel Jack McCoy, Cambridge  
 Michael Neal McDonald, Columbus

George Davidson McElfresh, Jackson  
 Diane Marie McKelvie, Columbus  
 Eric D. McLellan, Oxford  
 Mitch H. Melfi, Columbus  
 Mark Alan Mesec, Houston, TX  
 Kathryn Anne Miller, Columbus  
 Jill Faith Mintz, Pepper Pike  
 Terry Lynn Mitchell, Fairfield  
 Kenyon N. Murley, Jr., Chesterland  
 Timothy Eugene Murphy, Dayton  
 Joseph Michael Murray, West Jefferson  
 Robert Alan Myers, Cleveland  
 Gloria Jean Natter, Swanton  
 Jeffrey Craig Nauman, Columbus  
 Mary Lucia Neary, Columbus  
 Garold Leon Newbold, Worthington  
 Kathy Lynn Newman, Galion  
 Soutana Nolidis, Willowick  
 Louis Michael Ocekpe, Barborton  
 Molly Helene Oser, Columbus  
 Nannette G. Parcher, Columbus  
 Kimberly Clara Pattillo, Cleveland  
 Anne Bowen Paulle, Columbus  
 Stuart L. Perry, Dublin  
 Formosa Reeves, Cleveland  
 Karen Alexis Richardson, Columbus  
 Cynthia Marie Rippey, Columbus  
 Joyce Ann Rogers, Miamisburg  
 Stephen Lynn Rogers, Columbus  
 Joseph Ruolo, Lyndhurst  
 Robin Elizabeth Russell, San Jose, CA  
 Mary Kimberley Ryan, Columbus  
 Charles Thomas Sapp, Columbus  
 Scott Wilson Schiff, Columbus  
 Joyce Eden Schumacher, Dayton  
 Richard Earl Seaman, Columbus  
 Karen N. Shaltry, Columbus  
 Marcy Lynn Shenker, Lorain  
 Laura Rene Shoup, Rittman  
 Michael V. Sickels, Gallipolis  
 Deborah Marie Siegle, Columbus  
 Myra Jean Smith, Dayton  
 Sandra Lynn Smith, Columbus  
 Shari Ann Snow, Warrensville Hts.  
 Kirie Lee Snyder, Export, PA  
 Diane L. Sondergelt, Columbus  
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 Dianna Lynn Statler, Amherst  
 Carolyn S. Stevens, Ontario  
 Galen T. Stover, Celina  
 Susan L. Tuatay, Columbus  
 JoAnn Marie Turnquist, Wheaton, IL  
 David Bruce Tyack, Delaware  
 Caroline Stevens Vorys, Gahanna  
 Gwendolyn Parker Webb, APO, NY  
 Michelle Denise White, New York, NY  
 Sheila Ann Williams, Toledo  
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 Gregory L. Woods, Columbus  
 Douglas Martin Young, Cleveland  
 James Michael Young, Columbus  
 Brenda Elizabeth McBride Zelinski,  
 Cuyahoga Falls

#### **Bachelor of Science**

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 Nancy Ellen Bartter, Seville  
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 Craig Melvin Butler, Columbus  
 Winfield Scott Cartwright, IV, Newark  
 Mark David Cloud, Columbus  
 Joleen Marie Criss, Floyds Knobs, IN  
 Susan Lee Darmstadter, Columbus  
 Richard A. Edgar, Worthington  
 Rebecca Ann Fullen, Columbus  
 Mary P. Gorman, Columbus  
 Lori Ann Grossman, Youngstown  
 Nancy Jean Lobaugh, Columbus  
 James T. Miller, Columbus  
 Crystal Lynn Oswalt, Middletown  
 Geraldine Finnerty Picone, Ashland

David Joseph Riccardi, Cleveland  
 Susan Marie Swift, Columbus  
 Nicholas William Telew, East Massillon  
 Deborah Marie Telfer, Hubbard  
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#### **Bachelor of Arts in Journalism**

Emily Wirth Baumgardner, Columbus  
 Deborah Marie Beck, Lima  
 Raymond Anthony Berardinelli,  
 Mayfield Heights  
 Douglas A. Burnip, Lisbon  
 Zoe Caron, Covington  
 Gregory Mark Codispoti, Westerville  
 Andrea D. Cunningham, Columbus  
 C. Scott Dale, North East, PA  
 Denise Louise Drake, New Holland  
 Alonzo Maxwell Ellis, Jr., Columbus  
 Dorothy Jean Gast, Kansas City, MO  
 Robert Bruce Gelchion, Westfield, NJ  
 Jon Gurian, Columbus  
 Benjamin F. Harrington Hicks,  
 Columbus  
 Thomas Wirth Holden, Bexley  
 Anthony Keith James, Wintersville  
 Jane E. Johnson, Fairborn  
 Teresa Suzanne Kaliszewski,  
 Ashland, MA  
 Robert Monson Lakin, Columbus  
 Jerald Kipp Monroe, Harrison  
 Beverly Jean Mullet, Mansfield  
 Maria Marie Murdock, Ridgeway  
 Deborah A. Neal, Columbus  
 Robert S. Nugart, Columbus  
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 Debra Lynn Phillips, Columbus  
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 Brendalee Charlene Reese, Lancaster  
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 Vera M. Simms, Canton  
 Michael J. Sivillo, Cleveland  
 Carolyn Lee Snavley, Toledo  
 Margaret Mary Viviano, Sandusky  
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 Maury Taylor Williams, III, Dayton  
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#### **COLLEGE OF ADMINISTRATIVE SCIENCE**

Dean: Justin Davidson

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 Robert Scott Avery, Alta Spring, FL  
 Philip Joseph Barbee, Columbus  
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 Fred Wesley Barlett, Jr., Pickerington  
 Charles Lanier Barnett, Jr., Galion  
 Maureen Ann Barsnack,  
 Mingo Junction  
 Carol Lynn Bauer, Louisville, KY  
 Faith Elizabeth Bauer, Columbus  
 Charles John Baumgardner, Akron  
 Thomas Allen Bayer, St. Marys  
 Bradley Jay Beaver, Bexley  
 Blair Jeffrey Berkley, Plain City  
 Michael William Berta, Columbus  
 Michael John Bigi, Thornville  
 Gregory Paul Bilyk, Euclid  
 Susan E. Bloomfield, Columbus

Kelly Ann Bonanno, Lima  
 Kenneth Richard Boock, Worthington  
 Gary Alan Boring, Newark  
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 Carolyn Rose Brauner, Columbus  
 David E. Brehm, Aurora  
 Gregg H. Brown, Lima  
 Lisa Marie Bryan, Delphos  
 Wayne William Buck, Columbus  
 Bernardine Lewis Butler, Cleveland  
 James Robert Caldwell, Columbus  
 Paul Frederick Calhoun, Euclid  
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 Patrick Allen Connor, Columbus  
 Douglas Drake Cooper, Wintersville  
 Lawrence Patrick Corbett, Columbus  
 Chris Alan Coy, Columbus  
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 Karen Monique Cuartero, Rye, NY  
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 Mikel Brent Cummings, Waynesfield  
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 Kenneth Edward Downs, Columbus  
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 John Kenneth Edgar, Steubenville  
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 Robyn Sue Engel, Beachwood  
 James Patrick Fagan, Cleveland  
 Kerry Clementine Farrell, Bay Village  
 Richard Thomas Farrell, Hudson  
 John F. Flick, Poland  
 Catherine Ann Gage, Granville  
 George Keith Gamble, Gahanna  
 Steven Ray Gandee, Columbus  
 James Thomas Gardner, Cincinnati  
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 Washington C.H.  
 Bryan Kirk Gillen, Chesapeake  
 Kimbirly Dixon Goebel,  
 Ft. Lauderdale, FL  
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 Dwaine Earl Gould, Columbus  
 James Michael Gribble, Canton  
 William Newton Griffin, III, Columbus  
 Kelle Caroline Gross, Lima  
 Kevin Eugene Gum, Fairborn  
 Jeffrey Lin Haidet, North Canton  
 Michael Brent Harrah, Sylvania  
 Thomas Daniel Harvey, Cape Coral, FL  
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 Deer Park, NY  
 Christopher P. Hebert, Columbus  
 Patrick Lee Heinzman, Columbus  
 David William Henry, Columbus  
 Michael Carl Hornsby, Cincinnati  
 Stuart Neil Hosangy, Columbus  
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 Perry Richard Humphrey, Burton  
 Barry Thomas Irwin, Columbus  
 Carla Jon Johnson, Greenville  
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 Garry Louis Kanter, Cleveland Hts.  
 Paul Francis Kauffhold, Dayton  
 Penelope Anne King, Mentor  
 Ronnie Lynn King, Dayton  
 Gary Willard Kinman, Grove City  
 Randi Cheryl Kirksey, Alliance  
 Ann Francis Kirwan, Worthington  
 Patricia Ann Kistner, Columbus  
 Russell Bernard Klein, Middleburg Hts.  
 Judith Ann Kuess, Celina  
 Joyce Ann LaFontaine, Circleville  
 Patricia Ann Lambert, Columbus  
 Terry Hess Lambert, Clendenin, WV  
 Judith Ann Leco, Bedford  
 Marjorie Lee Lelli, Wintersville

Thomas John Leonard, Amherst  
 Judith Levinson, Cleveland Heights  
 Donald Bernard Liebrecht, Delphos  
 Janet Lynn Ligo, Cincinnati  
 Jeffrey Robert Lucas, East Liverpool  
 Barry F. Luse, Marion  
 Betty June Marketch, Warren  
 Norman Richard Marks, Youngstown  
 Ronald James Marks, Parma  
 Allen Russell Martindale, Columbus  
 Ronald M. Matheke, Euclid  
 Michael Hugh McDevitt,  
   North Canton  
 James Perry McDougall, Marion  
 Alan David McDowell, Wadsworth  
 Mark James McGory, Marion  
 Jon Mark McGuire, Dayton  
 William Hubert McKinley, Columbus  
 James Robert McMillin, Jr.,  
   St. Louis, MO  
 Marvin Keith McNamara, Columbus  
 Jeffrey Allan Meissner, Cleveland  
 Jose Ramon Meila, Bronx, NY  
 Kathleen Ann Mendel, East Moline, IL  
 Allan Robert Meyers, Aurora Shores  
 Mary Catherine Miller, Archbold  
 Thomas Joseph Mitchusson, Cincinnati  
 Robert L. Moore, Parma  
 John Michael Morman, Kalida  
 Mark Joseph Mraz, Fairview Park  
 Carol Susan Munson, Cincinnati  
 John Allen Myers, Gallipolis  
 Mary Elizabeth Nash, Cuyahoga Falls  
 Derl David Oberlin, Logan  
 Gary Thomas Orth, Columbus  
 Frederick Stephen Pagura, Columbus  
 Charles Joseph Pardi, Columbus  
 Frank Charles Patronik, Rossford  
 Michael Edwin Pickett, Parma  
 Mark E. Potts, Columbus  
 Della Victoria Pugh, Cleveland  
 James David Ragsdale, Strongsville  
 Robert James Ray, Whitehall  
 Ellen Marie Reeb, Westerville  
 William Spencer Reno, Mt. Sterling  
 James Douglas Richison, Columbus  
 Douglas Meade Rickettes, Columbus  
 Bonnie Boeshart Roberts, Danville  
 Bryan Keith Robinson, Columbus  
 Edward Frank Roell, Reynoldsburg  
 Christopher Jay Rohde, Columbus  
 James Mathew Rosenberger,  
   Chagrin Falls  
 Nina Frances Roslovic, Columbus  
 Richard Anthony Roten, Columbus  
 Mary Ann Rucker, Bryan  
 Manjot Kaur Sandhu, Columbus  
 Melvin Joseph Sauder, Mansfield  
 Alexander Frederick Schaefer, Salem  
 Mary Kathryn Scott, Worthington  
 John Anthony Sebek, Reynoldsburg  
 Thomas Edward Secor, Willard  
 Kathleen Marie Selner, Enon  
 Michael Stephen Sergakis, Pickerington  
 Richard Lee Shaffer, II, Canton  
 Thomas Scott Shannon, Marion  
 Jeanne Sheppard, Ashville  
 Thomas Granville Shrum, Orient  
 Janet Lynn Simon, New Milford, NJ  
 Mary Beth Simon, Parma  
 Louis Paul Simone, Aurora  
 Christine Ann Smith, Zanesville  
 Gary Allen Smith, Poland  
 James Leonard Smith, Marion  
 Keith James Smith, Norwalk  
 Alan Gordon Solomon, Cincinnati  
 Kimberly Ann Spicer, Uniontown  
 David Alan Stafman, Beachwood  
 Michael Gene Stoddard, Toledo  
 Donald Richard Stose, Jr., Prospect  
 Theresa Lee Strombotne, Worthington  
 Robert Laurence Tarnow, Jr.,  
   Seneca Falls, NY

Ronald Alan Taylor, Coshocton  
 Harry M. Tepper, Beachwood  
 Paul Richard Theibert, Columbus  
 James Richard Thompson,  
   Potomac, MD  
 Steve Aref Toukan, Columbus  
 Alan Jeffrey Trotsky, Southfield, MI  
 Carmella Sue Turner, Reynoldsburg  
 David Alan Turner, Greenville  
 Robert Howard Unger, University Hts.  
 Christopher Lee Van, Mt. Vernon  
 William Donald Van Zile, Orrville  
 Julianne Maria Verne, Columbus  
 William J. Verner, Columbus  
 David Arthur Vogt, Norwalk  
 William Francis Vohsing, Columbus  
 Michael Martin Wathen, Columbus  
 Karen Elizabeth Webb, Columbus  
 Barbara Lee Wetterstroem, Columbus  
 Sharon Kay Wharton, Bay Village  
 Christine Marie Wilhelm, Lakewood  
 David Nissan Wilkenfeld, Lyndhurst  
 Thomas D. Will, McArthur  
 Gregory P. Wilson, Columbus  
 Sylvan Les Wilson, Columbus  
 Mary Margaret Wisler, Galion  
 Richard Lee Wright, Columbus  
 Thomas Eugene Zimmerman, Lima

#### **Bachelor of Science in Labor and Human Resources**

Jerry Steven Gauthier,  
 Moundsville, WV  
 Sheryl Leigh Goerke, St. Louis, MO

#### **COLLEGE OF AGRICULTURE AND HOME ECONOMICS**

Dean: Roy M. Kottman

#### **Bachelor of Science in Agriculture**

George Michael Boka, Mingo Junction  
 Susan Gloss Breech, Gallipolis  
 Richard Jeffrey Cassidy, Warren  
 Judy Teresa Condit, Delaware  
 Ronald Gene Cooper, Columbus  
 Bix Lee DiMeo, Freehold, NJ  
 Douglas Edward Dix, Franklin  
 Jay Deaver Drinko, Columbus  
 Michael Eugene Foshee, Stoutsville  
 Dana Lynn Frotscher, Cincinnati  
 Daniel Joseph Griffin, Cincinnati  
 Michael Dean Hansley, Pickerington  
 Michael Kenneth Henninger, Laura  
 David Alden Irvin, Rayland  
 Evelyn Frances Johnston,  
   Jersey City, NJ  
 Lynn K. Krielow, Chagrin Falls  
 Jeffrey Alan Lee, Bellbrook  
 Illie Jo Lindsay, Columbus  
 Iris Cathy Magoss, Williamsville, NY  
 Deborah Susan Marsik, Fairview Park  
 Walter Theodore Meinert, Jr.,  
   Cincinnati  
 Jill Ryder Miller, Norwalk  
 Michelle Kay Minuck, Columbus  
 Daniel Floyd Olzak, Columbus  
 Jeffrey Wayne Pahl, Lexington  
 Bruce Frederick Paras, Bedford  
 Keith Allen Pervatt, Jackson  
 Ross Daniel Pickard, McDermott  
 Donald James Richards, Jr.,  
   Willowick  
 Leslie Sharon Robkoff, Whitestone, NY  
 Robin Rene Rowland, Galena  
 Adela Ethel Ruberry, Delaware  
 Daniel David Stahl, Canton  
 Ronald Thomas Stiebler, Maumee  
 Mark Alan Stober, Holgate  
 Mark Andrew Sullivan, Summit, NJ

Craig Stephen Walcheck, Cleveland  
 Daniel Brent Wunderlich, Marietta

#### **Bachelor of Science in Food Technology**

Steve Craig Garber, Beach City  
 Steven Lewis Gast, St. Henry  
 Robert Allen Parris, Columbus  
 James George Revelos, Middletown  
 Diane Marie Skurkay, Manassas, PA  
 Therese Elizabeth Spirmak, Strongsville  
 Rose Lee Vogelmann, Columbus

#### **Bachelor of Science in Nutrition**

Patricia Ann Hammel, Linden, NJ  
 Aaron Kimberly Messer, Cincinnati

#### **School of Home Economics**

#### **Bachelor of Science in Home Economics**

Jyl Louise Auxter, Lindsey  
 Karen Ann Beal, Columbus  
 Lori K. Bright, Findlay  
 Mary Clouse Brown, Columbus  
 Pamela Marie Buccitelli, Columbus  
 Lisa Christina Charles, Lorain  
 Mary Jane Clapper, Canton  
 Cheryl Elaine Coffey, Dayton  
 Carolyn Ann Englefield, Newark  
 Penelope R. Ettinger, Mantua  
 Marjorie Bernard Fogle, New Vienna  
 Teresa Jean Forney, Cincinnati  
 Monica Ann Giordano, Cincinnati  
 Linda Sue Grubb, Marion  
 Celia Marie Guarasci, Columbus  
 Vicki Jane Haden, Reynoldsburg  
 Barbara Sue Hall, Loudonville  
 Nancy Lee Harris, Kenton  
 Ann Elizabeth Heil, Lima  
 Vicki A. Heisser, Cleveland Hts.  
 Susan Elaine Heyard, Canton  
 Michele Jo Hiltbrand, Salem  
 Deborah Ann Holland, Cincinnati  
 Nancy Ann Huegel, Willoughby Hills  
 Patricia Ann Ille, Norwood, NJ  
 Christine Kayser, Columbus  
 Kathleen Ellen Kellner, Columbus  
 Carol Ann Larimer, Reynoldsburg  
 Allison Renee Lucas, Greenville  
 Pamela Sue Lynch, Sabina  
 Elnora Patricia Mays, Cincinnati  
 Kimberly Kay Miller, Republic  
 Sharon Kay Moseley, Bucyrus  
 Linda Irene Noble, Columbus  
 Helen Ohanian, Columbus  
 Penny Lynn Oliver, Lancaster  
 Karen Evette Pearson, Cincinnati  
 Catherine Anne Phillips, Kenton  
 Sally Carolyn Rathje, Leesburg  
 Mariilyn Louise Ravotti, Leachburg, PA  
 Joyce Sheeley Rickels, Xenia  
 Cindy Lee Saddle, Warren  
 Deborah Jane Saliaris, Worthington  
 Lynn Patricia Samad, Akron  
 Melanie Jane Sanders, Toronto  
 Maureen Ann Sanderson, Columbus  
 Vicki Lynn Schlesinger, Columbus  
 Leslie Ann Smith, Columbus  
 Elise Marie Sunderman, Westerville  
 Beth Ann Townley, Spring Valley  
 Susan Diana Tuttle, Columbus  
 Nancy Ellen Walker, Mt. Vernon  
 Karen Marie Washington, Cleveland  
 Lynn Marie Wearsch, Columbus  
 Andrea Westerhausen, Findlay

#### **Bachelor of Science in Nutrition**

Susan Ann Mills, Columbus

## **Bachelor of Science in Restaurant Management**

Nadine Sue Ishmael, Columbus  
Deborah Lynn Korting, Columbus  
Marilyn Ann Marko, Toledo  
Kathy Lynn Rothacker, Fairview Park

## **School of Natural Resources**

### **Bachelor of Science in Natural Resources**

Susan Leigh Agler, Delaware  
Clinton David Beaver,  
Canal Winchester  
Nicklas Paul Bernier, Hamilton  
Richard Carl Bush, II, Warren  
Randall Marshall Byers, Columbus  
Sherri Lee Drabek, Lyndhurst  
James Norbert Erney, Columbus  
Richard Walter Foster,  
Middleburg Hts.  
Ronald Adams Glover, Westerville  
Robert Richard Golaszewski,  
Columbus  
Douglas B. Huber, Columbus  
Kerry Brian Kern, Clayton  
Laura Rose Kliem, South Euclid  
Susan Carol Komocar, Euclid  
Michael Keith Maynard, College Corner  
John Steven McEwen, St. Clairsville  
Joseph Francis Norman, Canton  
Daryl Alan Rensch, Tipp City  
Timothy James Roche, Bay Village  
Michael Wilson Sandwisch, Oak Harbor  
Stephen Brian Shepherd, Cincinnati  
Edward Frank Sokach, Mentor  
Dennis Eugene Solon, Loudonville  
Sue Ellen Watkins, Hilliard  
Terry Finley White, Millersport  
Sylvia Jean Wong, Cleveland Heights  
Samuel Clayton Young, Hillsboro

### **Agricultural Technical Institute - Wooster**

## **Associate in Applied Science**

Lisa Michelle Brandenburg, Smithville  
Andre Anthony Caruso,  
Cuyahoga Falls  
Steven Michael Cholley, Wooster  
Catherine Marie Cifranic, Brook Park  
Richard Alan Daugherty, Chardon  
Mark Thomas Ehret, Whitehouse  
Andrew John Falatic, Newton Falls  
Nancy Jean Fields, LaRue  
Martha Jane Fox, Youngstown  
Nancy Marie Hawkins, Sandusky  
Carl Edward Holtkamp-Alguire,  
Wooster  
Albert Edward Jackson, Akron  
Joseph Paul Krake, Struthers  
Christopher Robin Lavelle, Barnesville  
Thomas Michael Locke, North Madison  
Gary Dale Lowe, Wooster  
Gregg Eugene Marsh, Mechanicsburg  
Susan Dawn Minium, Bay Village  
J. Frank Mose, Monclova  
Daniel Harry Phillips, Seville  
Douglas Norwood Ramey, Lancaster  
Cynthia Anne Shoaf, Brunswick  
Lewis James Tucker, Mogadore

## **COLLEGE OF DENTISTRY**

Dean: Charles L. Howell

## **Doctor of Dental Surgery**

Alan John Burley, Trenton; B.A.  
Franklin Alan Landers, Columbus  
Lloyd William Marland, III,  
Parma Heights; B.A.  
Karen Sue Schichtel, Travers City, MI;  
A.B. (Mount Holyoke College);  
M.A. (Michigan State University)  
Gary Samuel Tisch, Shaker Heights;  
B.S. (Ohio University)

## **COLLEGE OF EDUCATION**

Dean: Frederick R. Cyphert

### **Bachelor of Science in Education**

Sandra Yvonne Alexander, Toledo  
Kathy Sue Alzfan, Columbus  
Leesa Marie Arko, Garfield Heights  
Julia Kay Barnett, New Philadelphia  
Mary Beth Bennett, Columbus  
Sheryl Elaine Bennett, Fairborn  
Jose Antonio Bermudez, Lorain  
Patricia Ann Bonfini, Bellaire  
David Lawrence Brown, Columbus  
Eric Alan Brundage, Dayton  
Marjorie Ellen Burke, Mt. Vernon  
Kelley Ann Caswell, Akron  
Michael Timothy Chitwood, Columbus  
Fidelia Chinyere Chukwuma,  
Columbus  
Allan Wayne Clayborn, Columbus  
Melissa Susan Clifford, Columbus  
Cheryl Miller Cline, Reynoldsburg  
Raymond Paul Corbett, Columbus  
Leonard D. Crosley, II, Lima  
Bradley Lane Crow, Cleves  
John Paul Doherty, Columbus  
Judith Marie Donnerberg, Columbus  
Leslie J. Dudley, Bellevue  
Neita Suzanne Dunham, Mansfield  
Sarah J. Dunn, Columbus  
Judith Ann Duplaga, Cuyahoga Falls  
Barbara Carr Edwards, Grove City  
Virginia Lee Epps, Massillon  
Theresa Bresler Eversole, Lima  
Kelley Brentlinger Faler, Columbus  
Deborah Rose Feist, Dayton  
Joan Louise Fiddle, Columbus  
Joni Ann Finkel, Columbus  
B.A. (New York University)  
Ilene Susan Fuerst, Beachwood  
Deborah Carol Fulton, Huron  
Theodore Lee Fuss, II, Gahanna  
Jeffery Walter Gafford, Columbus  
William Joseph Gallagher, Columbus  
Donald Carl Gibson, Bucyrus  
Julie Wallace Gillette, Lakeview  
Daniel Scott Gorfido, Medina  
Timothy Milton Gray, Columbus  
Karen Branhram Groves, Columbus  
Dorla Jean Hain, Columbus  
Joseph Charles Healey, Cincinnati  
Rita Catherine Hinz, Columbus  
Elizabeth Bruner Howell, Batavia  
Stephen Robert Hudak, Youngstown  
W. Andrew Hug, Cincinnati  
Cynthia Kay Hurst, Hebron  
John L. Jackson, Columbus  
Nanci Lynne Johnson, Columbus  
Patricia Kathleen Johnson, Paulding  
Diane C. Joseph, White Plains, NY  
Jenny Kimberly Kanaan, Columbus  
Susan Marie Karg, Strongsville  
Robert Wallace Kirkpatrick,  
Westerville

Kimberly Ann Knott, Worthington  
Evonne Grither Kowitz, St. Ann, MO  
Carole Sue Kuck, Wapakoneta  
Leslie Ann Kuhn, Xenia  
Linda Ellen Kurtz, University Heights  
Cheryl Ann Lehman, Amherst  
Loretta Diane Lentz, Louisville, KY  
Lily Ann Lewis, Bradford  
Kathy Sue Long, Troy  
Mary Ilo Martz, Van Wert  
Ira Howard Mauer, Yonkers, NY  
Chris Alan McGonagle, Lima  
Joyce McQuillan, Parma Heights  
Jed Eric Metzger, Columbus  
Juanita Jane Miller, Ashland  
Carl Hendricks Moore, Westerville  
Georg-Anne H. Mutchler, Bucyrus  
Betty Goddard Nethers, Newark  
Robin Sue Newman, Cleveland Heights  
Adria Lynn Nyer, Cleveland  
Frederick Leo Peterson, Columbus  
Patricia Ann Powell, Warrensville Hts.  
Pamela Ann Ptazek, Worthington  
Joanne Leslie Raymond, Columbus  
William Gregory Reed, Grove City  
Sandra Jane Rinehart, Granville  
Ronald Charles Rucker, Columbus  
Nathan Lee Russell, Arlington  
Nancy Louise Saner, Bethel  
Harold William Schnaudt, Columbus  
Debra Lou Schreckengost,  
North Canton  
Barbara Hughes Schreiber, Carlisle, PA  
Beverly Klein Seigel, Worthington  
John E. Smarto, Gallion  
Robert A. Spicer, Jr., Newark  
Linda Lorraine Stalls, Springfield  
Karen Steinhauer, Circleville  
Laurie Ann Stephens, Columbus  
Brent Dee Stewart, Jackson Center  
Jon Thomas Stonebraker, Marion  
Bradley Wayne Thomas, Harpster  
Janet Szipple Tice, Lima  
Mark Lane Tulley, Worthington  
Susan Lee Umbleby, Hilliard  
Cynthia Gay Vaughn,  
Baton Rouge, LA  
Mary Danner Virden, LaRue  
Terrence Lee Vogler, Columbus  
Sandra Marie Walden, Columbus  
Craig Alban Weaver, Youngstown  
Loralee Weaver, Paulding  
Spencer Jon Wiersma, Mansfield  
Sheryl Anne Williams, Powell  
Linda Denise Wilson, Columbus  
Thomas R. Wisener, Wapakoneta  
Adelheid Evelyn Wooley, Columbus  
Bonnie Lee Wutrich, Columbus  
Mark Lee Youngpeter, Spencerville

### **Bachelor of Art Education**

Colleen Mary Conway, Mt. Vernon  
Elizabeth Peiss Coster, Columbus  
Rebecca A. Gothard, South Vienna  
Susan Gibbs Hood, Columbus  
Nancy J. Lambert, Columbus  
Ann Lynne Martin, Chillicothe  
Linda Sue Nickman, Shaker Hts.  
Stacey Elizabeth Shelly, Wooster  
Kimberly Anna Smittle, Columbus  
Dee Ann Williamson, Cedarville

### **Bachelor of Music Education**

Timothy Don Brooks, Columbus  
John William Fedchok, Highland Hts.  
Paul Edward Mathews, Columbus  
Nancy Lee Saultz, Enon

## COLLEGE OF ENGINEERING

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

David Charles Kelley, Bucyrus  
Ronald Eugene Weisbrook, Aurora, IL

### Bachelor of Science in Ceramic Engineering

Scot MacGregor Brainard, Columbus  
Cheryl Ann Stefanski, Hopelawn, NJ  
Phyllis Ann Blanks Stephens, Detroit, MI

### Bachelor of Science in Chemical Engineering

Adela Beatriz Concha, Fairborn  
Fred Owen Engelhardt, Alger  
Randy Eugene Lady, Bucyrus  
Robert William Morris, Jr., Bellefontaine  
Thomas Howard Owens, Beaver  
Ralph William Slone, Waverly

### Civil Engineer

Karamat Qayum, Lahore, Pakistan

### Bachelor of Science in Civil Engineering

Donald Harvey Dunn, Reynoldsburg  
Bruce Allen Micklewright, Broadview Heights  
James Everett Morris, Sabina

### Bachelor of Science in Computer and Information Science

Thomas Joseph Beran, Austin, TX  
Philip Paul Harris, Springfield  
Carl J. Robb, Columbus

### Electrical Engineer

Kambiz Shahnazi, Tehran, Iran

### Bachelor of Science in Electrical Engineering

Joseph Amodio, II, Cleveland Heights  
Richard Kent Baker, Wheeling, WV  
Marilyn Ann Carpenter, Columbus  
Kirby Wesley Cartwright, Newark  
Michael Eugene Cryder, Kingston  
Ralph Edward Goddard, Jr., East Liverpool  
Timothy H. Gore, Swanton  
Bruce Edward Hale, Columbus  
John B. Houk, Thornville  
William Mark Johnson, Youngstown  
Usamah Mohamad Khulusi, Beirut, Lebanon  
Jeffrey Lynn Koehler, Thornville  
Fredric Ross McQuillin, Elyria  
James Franklin Nelson, Columbus  
John David Thur, Richmond Heights  
Stirling Edward Kern Watts, Columbus  
George Klaus Weissbach, Sullivan  
Raymond Eugene Zeune, Pataskala

### Bachelor of Science in Industrial and Systems Engineering

David Robert Eystone, Sycamore  
Stephen F. Moseley, Columbus  
Diane Cornelia Oltean, Broadview Hts.

Francis Charles Richards, Newark  
Kim Lee Whiteman, Lancaster

### Bachelor of Science in Mechanical Engineering

Christopher John Blesch, Columbus  
Fred William Boyle, Bedford  
Randall George Breech, Gallipolis  
Charles Randy Cooley, Jr., Galion  
Eric Palmer Gifford, Cleveland Hts.  
Ted Andrew Gilfert, Athens  
Joseph Edward Greenawalt, Columbus  
Dale Thomas Kingery, Cincinnati  
Theodore Alan Lang, Woodville  
Michael Jerard Lennon, Cincinnati  
Randall Kirk Marker, Bellefontaine  
James H. Meyer, Cincinnati  
Edward Stanley Rickard, Columbus

### Bachelor of Science in Metallurgical Engineering

Bruce Dale Berteau, Ashtabula

### Bachelor of Science in Welding Engineering

Mike Leonard Carter, Waynesfield  
D. Jeffrey Meredith, East Liverpool

### Bachelor of Science in Architecture

Stephen Blane Anderson, Glastonbury, CT  
Jack Emerson Bement, Wakeman  
Jack Vanarb Berry, Jr., Andover, MA  
Paul Manning Brasile, Reynoldsburg  
Michael Manson Bryden, Wilmington, DE  
Folorunso Folowosele, Ilesha, Nigeria  
Gregg Lewis Gaber, Worthington  
William George Gallagher, Cleveland  
Jan Elyn Hulman, Dayton  
William Bernard Krabacher, Waynesville  
Martin Allen Livezey, Barnesville  
Rick Eugene Mardis, Newark  
James Robert Morrison, Findlay  
Fereydon Ray Pezeshkan, Tehran, Iran  
Michael Alan Rubin, Beachwood

### Bachelor of Science in Landscape Architecture

Kathleen Marie Hanlon, Berea  
Philip Gabriel Haikkila, Painesville  
Kenneth Eugene Merritt, Mt. Vernon, NY  
Thomas Henderson Wagner, Columbus

## COLLEGE OF MEDICINE

Dean: Henry G. Cramblett, M.D.

### Doctor of Medicine

Michael Alan Baumann, Kettering  
B.A. (University of Dayton)  
Michael Sherman Blue, Worthington  
B.S. (Miami University)  
Barry Scott George, East Palestine  
B.S. (Youngstown State University)

Penelope Pensyl Halliday, Washington C. H.  
B.S. (Bob Jones University)

Mary Lynn Kiacz, Dayton  
B.S. (Wright State University)

Chris Allan Knight, Youngstown  
B.S. (Westminster College)

Jane Marie Leiby, Parma  
B.A. (Otterbein College)

Christian Victor Madsen, Fredonia, Pa.  
B.A. (Malone College)

Michael Scott Magee, Carroll  
B.S. (Ohio University)

Jerry Hayes McDaniel, Cincinnati  
B.S. (Central State University)

Michael Joseph Muszynski, Poland  
B.S. (Youngstown State University)

Leonard Joseph Paulozzi, North Olmsted  
B.A. (Yale University)

James Daniel Radcliffe, Xenia  
B.A. (Mount Vernon Nazarene College)

Jeanine Scherzinger, Cleves  
B.A. (Miami University)

Jeffrey Bruce Studebaker, West Alexandria  
B.S.

Christopher Patrick Sullivan, Akron  
B.A.

Jackie Lynne Underwood, Rossford  
B.M. (Miami University)

Clarence David Wright, III, Uniontown  
B.A. (Ohio Wesleyan University)

### School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

Debra Ann Czap, Martins Ferry  
Jane Ann Frencho, Columbus  
Janet Blanton Goodwin, Westerville  
Teresa Lynn Kimmel, Wellington  
Deborah Kay Turi, Delta

### Certificate of Nurse Anesthetist

John Philip Battles, Columbus  
A.S. Nursing (Jefferson State Junior College, Birmingham, Alabama)

Beth Ellen Berger, Springfield  
R.N. (Riverside Hospital School of Nursing)

Cheryl Lynn Buchanan, Newark  
R.N. (Mt. Carmel School of Nursing)

James Fraser Moore, Columbus  
A.D. Nursing (University of Tennessee at Nashville)

Lois Jean Remely, Columbus  
B.S. Nursing (University of Cincinnati)

Vareda Grace Zickafoose, Gahanna  
R.N. (Mt. Carmel School of Nursing)

### Certificate of Post Baccalaureate Medical Technologist

Judith Lynn Branham, Galloway  
B.S.

Gerda Enid Dickey, Westerville  
B.S.

Keith Allen Dickman, New Bremen  
B.S.

Kenneth Fred Kerstein, Columbus  
B.S.

Christine Marie Larson, Columbus  
B.A. (Ohio Dominican College)

William Henry Smith, New Boston  
B.S., M.S. (Ohio University)

#### **School of Nursing**

##### **Bachelor of Science in Nursing**

Michael Lee Buckingham, Dayton  
Lorraine Marie Deck, Columbus  
Heather L. Denlinger, Aurora  
Katherine Louise Frebault, Columbus  
Paulette Ann Gross, Toledo  
Amelia Lynne Gruber, Columbus  
Rhonda Wynn Harris, Milwaukee, WI  
Barbara Jane Henry, Massillon  
Patricia Lee Holland, Mt. Vernon  
Nancy Margaret Hudson, Coshocton  
Mary Ann Iannone, Toledo  
Ilyse Beth Janovitz, Shaker Heights  
Catherine Ann Khoury, Lakewood  
Ellen Kay Kneller, Toledo  
Susan Losoncy, Columbus  
Diane Marie Mintz, Cleveland  
Cynthia Ann Moore, Cleveland Heights  
Heidi Stroschin Oberlin, Gahanna  
Barbara Mallen Phillips, Chillicothe  
Janet Kay Salamon, Columbus  
Pamela O. Schmelzer, Columbus  
Patricia Sue Skinner, Columbus  
Elizabeth Prior Smith, Columbus  
Lynn Ann Stazzone, Columbus  
Cheryl Diane Tossey, Springfield

#### **COLLEGE OF PHARMACY**

Dean: Albert H. Soloway

##### **Bachelor of Science in Pharmacy**

Stephanie Graban, Campbell  
Roger Lee Lewis, Toronto  
Mary Braham Riegle, Columbus  
Joseph Rocco Severinski, Campbell  
Jimmy Wing Yee, Columbus  
Sharon Lynn York, Proctorville

#### **COLLEGE OF SOCIAL WORK**

Dean: Robert O. Washington

##### **Bachelor of Science in Social Welfare**

Russell Craig Allbery, Olmsted Falls  
Toni Elaine Bales, Bellefontaine  
Jane Ann Cox, Ashland  
Kay Ellen George, Paulding

Fay Marguerite Heazlit,  
Franklin Furnace  
Cindy Lee Heselow, Youngstown  
Elizabeth Matina, Columbus  
Sylvia Anne Neal, Akron  
Belinda Jeanne Oatney, Lancaster  
Karen Whalen, Springfield  
Norma Jean Wharton, Columbus

#### **GRADUATES WITH HONORS**

##### **Summa Cum Laude**

Bradley Jay Beaver  
Blair Jeffrey Berkley  
Nancy Jean Fields  
Ronald Adams Glover  
Penelope Anne King  
Carole Sue Kuck  
Aaron Kimberly Messer  
Juanita Jane Miller  
Mary Ann Rucker  
Nancy Lee Saultz  
Robert Arthur Spicer, Jr.  
David Alan Stafman  
Michael Martin Wathen  
Charles F. Whiting  
Sheryl Anne Williams

##### **Summa Cum Laude with distinction**

Michael Keith Maynard  
Catherine Anne Phillips

##### **Summa Cum Laude with distinction in Zoology**

Scott William Line

##### **Cum Laude**

Steven Patrick Altmiller  
Joyce Kay Askew  
Faith Elizabeth Bauer  
Michael Alan Baumann  
Karen Ann Beal  
Michael John Bigi  
Susan Lee Darmstadter  
Barbara Jean Dowd  
Leslie J. Dudley  
Theresa Bresler Eversole  
John S. Gallick, III  
Ralph Edward Goddard, Jr.  
Rebecca A. Gothard  
Nancy Marie Hawkins  
Rita Catherine Hinz  
Kimberly Ann Knott  
Betty Goddard Netters  
Molly Helene Oser  
Ross Daniel Pickard  
Sandra Jane Rinehart  
Bryan Keith Robinson  
Stephen Lynn Rogers  
Melvin Joseph Sauder  
Elizabeth Prior Smith  
Diane L. Sondergelt  
Cynthia Marie Spade  
Therese Elizabeth Spirnak  
Daniel David Stahl

David Bruce Tyack  
Sandra Marie Walden  
Christopher James Wilson

##### **Cum Laude with distinction in Entomology**

Douglas Edward Dix

##### **With Distinction**

Clinton David Beaver

##### **With distinction in Agricultural Economics**

Mark Alan Stober

##### **With distinction in Computer and Information Science**

Jennifer Eunice Hoyte

##### **With distinction in International Studies**

Ruth Sullivan Church

##### **With distinction in Microbiology**

Brian P. Hagerty

##### **With honors in Liberal Arts**

Stephan Douglas Boggs  
David Wynn Carpenter  
James B. Wilkens, Jr.

##### **With distinction in Political Science With honors in the Liberal Arts**

Susan L. Tuatay

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 7, 1979

The Board of Trustees met at its regular monthly meeting on Friday, September 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

September 7, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related matters.

Present: Patricia D. James, Chairman, Warren J Smith, D. James Hilliker, Daniel M. Galbreath and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

### RESOLUTIONS IN MEMORIAM

Resolution No. 80-13

*Synopsis: Resolutions honoring the service of seven of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Smith, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Richard N. Alpers

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 9, 1979, of Dr. Richard N. Alpers, Clinical Assistant Professor in the College of Dentistry.

Dr. Alpers received his D.D.S. degree from The Ohio State University in 1964. He was a member of the faculty of the College of Dentistry from 1965 until the present time. He also maintained a very successful practice.

Dr. Alpers was a member of the American Academy of Pedodontics, Columbus and American Society of Dentistry for Children, American Dental Association, Alpha Omega Dental Fraternity, Board of Directors of Childrens Mental Health Center and on the Dental Staff of Childrens Hospital.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

September 7, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Charles L. Blackman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 14, 1979, of Charles L. Blackman, Professor Emeritus in the Cooperative Extension Service.

Mr. Blackman was born November 21, 1893, at Peake Island, Maine. He attended high school in Portland, Maine, graduating in 1912. A bachelor of science degree in agriculture was received from the University of Maine in 1916. The master of science degree in dairy husbandry was secured from Iowa State College in 1917. He pursued additional graduate education both at the United States Department of Agriculture and at Colorado State University.

Mr. Blackman's employment prior to joining the Ohio Cooperative Extension Service included work as an assistant emergency demonstration agent in Iowa, an extension dairy husbandman in Iowa and a field secretary for the New England Holstein Association.

Mr. Blackman joined the faculty at The Ohio State University as specialist in animal husbandry on October 9, 1925. His title was changed to specialist in dairy science in July, 1939, and it was from such a position that Mr. Blackman retired in 1963. Employment with the Ohio Cooperative Extension Service was interrupted for three short leaves of absence when Mr. Blackman served on assignments in Colombia, South America.

Mr. Blackman was a dedicated and respected leader in the dairy industry in Ohio. He was well known for his statewide efforts in dairy educational programs and because of his efforts was well known and respected by professionals and by farmers throughout the state. His outstanding contributions in extension education will be long remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Blackman its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to Mrs. Blackman as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

Hiram W. Harshfield

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 20, 1979, of Hiram W. Harshfield, Professor Emeritus and formerly State 4-H Club Leader in the Cooperative Extension Service.

Mr. Harshfield was born February 8, 1899, at East Liberty, Ohio. He attended East Liberty High School and graduated there in 1917. A bachelor of science degree in agriculture was received from The Ohio State University in 1923 and a master of arts degree in school administration was received in 1927. Additional graduate education was undertaken at Cleveland College and also in 1940 and 1949 at The Ohio State University.

## RESOLUTIONS IN MEMORIAM (contd)

### Hiram W. Harshfield (contd)

Mr. Harshfield was employed in school teaching as a school principal in Medina and Cuyahoga Counties from 1921 through 1928 prior to his joining the staff of The Ohio State University as 4-H Club Agent in Cuyahoga County on January 1, 1929. On January 1, 1936, Mr. Harshfield became Assistant State 4-H Club Leader moving to the position of State 4-H Club Leader in 1954. Mr. Harshfield retired from that position on June 30, 1961.

Mr. Harshfield dedicated his life to service of youth. A ready hand, a willing spirit and ever-present smile and encouraging words and simple logic are terms that bring lasting and fond memories of Mr. Harshfield's association with professionals and 4-H members and leaders throughout Ohio. His service on regional and national committees brought him recognition throughout the country as the 4-H movement expanded and grew under his leadership.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Harshfield its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family of Mr. Harshfield as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

### Margaret Eloise Jones

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 9, 1979, of Margaret Eloise Jones, Associate Professor Emeritus in the Department of Mathematics.

Professor Jones was born November 22, 1895, in Pomeroy, Ohio. She was graduated from high school in Pomeroy and from The Ohio State University in 1919 with a Bachelor of Arts degree and a Bachelor of Science in Education degree. She was a member of Phi Beta Kappa. She obtained a Master of Arts degree from The Ohio State University in 1920 and did further graduate work in Mathematics at The Ohio State University and the University of Chicago.

Miss Jones taught at The Ohio State University from 1921 until her retirement in 1962 moving through the ranks from instructor to associate professor. She served as Executive Secretary of the Department of Mathematics from 1946 until her retirement. Miss Jones was dedicated to excellence in teaching and made an outstanding impact on many young people.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Jones its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

September 7, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Sidney L. Pressey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of Sidney L. Pressey, Professor Emeritus, Department of Psychology, College of Social and Behavioral Sciences, on July 21, 1979.

Sidney L. Pressey was born in Brooklyn, New York, on December 28, 1888. He studied at Williams College for the A.B. degree which he received in 1912, and at Harvard University, earning the A.M. in 1915 and the Ph.D. in 1917. Before joining the faculty at Ohio State in the Department of Psychology, Dr. Pressey was Assistant Professor at Indiana University. He came to Ohio State in 1921 and was promoted to the rank of Professor in 1926, serving in that capacity until his retirement in 1959 when he was made Professor Emeritus.

Over the years, Professor Pressey was Visiting Professor at many distinguished universities including Teachers College of Columbia University, University of Utah, University of Hawaii, Colorado State University, University of Southern California, and the University of British Columbia.

While at Ohio State he represented his discipline in many important professional positions. He was a member of the American Psychological Association's Council of Representatives and served as President of the Division of Maturity and Age. He was also President of APA's Division of Teaching, President of the Midwestern Psychological Association, President of the Ohio Psychological Association, and Chairman of the Psychology Section of the American Association for the Advancement of Science.

Professor Pressey was a pioneer. He developed the first automatic recording self-instruction apparatus and also the first device for automatically scoring and diagnostically assessing tests. In the field of reading he developed one of the early demonstrations of the differential effects of different types of reading matter and one of the first systematic ways to measure vocabulary difficulty of reading matter.

Professor Pressey was committed to innovation; it showed in his work ranging from the development of teaching machines to his work dealing with the psychology of aging, based to a substantial extent on his own experiences. Throughout his entire career he promoted an interest in better serving the needs of the outstanding student. His association with Ohio State was one which reflected distinction and credit upon the University community.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of Sidney L. Pressey. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family of Sidney L. Pressey as sincere appreciation for the life he lived and the realization of the loss that his family, friends, and associates have sustained.

September 7, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Alma Frances Tapscott

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 16, 1979, of Alma Frances Tapscott, Professor Emeritus in the Department of Textiles and Clothing, School of Home Economics.

Miss Tapscott was born in Perry Township, Allen County, Ohio, on October 9, 1909. She received the Bachelor's degree from The Ohio State University in 1937 with a major in home economics and a minor in biological science and English. The M.A. degree was earned at Teachers College, Columbia University in June 1946 in clothing, textiles and related art.

Miss Tapscott taught vocational home economics at Hartford High School, Croton, Ohio, and Harding High School, Fairport Harbor, Ohio, from 1937 to 1945. In 1946-48 she served as Assistant Professor at Oregon State University and came to The Ohio State University in October 1948. In 1967 she was promoted to Associate Professor and in 1969 served as a consultant in textiles at ESALO, Brazil. She retired as Professor Emeritus in 1973.

Membership in professional societies included the American Home Economics Association and Ohio Home Economics Association and membership in honoraries included Omicron Nu, Kappa Delta Pi, Pi Lambda Theta, and Sigma Delta Epsilon.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Marc R. Tetelman

Friends and colleagues across the country were shocked and saddened by the death of Dr. Marc R. Tetelman. On June 28, without provocation, Dr. Tetelman was senselessly murdered during a robbery in the streets of downtown Atlanta. Dr. Tetelman was attending the annual meeting of the Society of Nuclear Medicine and had presented a scientific paper to that group.

Marc was born in Cleveland, Ohio, August 25, 1943, and received his early education in that city. After obtaining a B.A. degree from Boston University, he attended The University of Chicago School of Medicine and received his M.D. degree in 1968. He met his future wife Dale during medical school, and they were married following his rotating internship at Cedars of Lebanon Hospital in Los Angeles. He returned to The University of Chicago for his radiology residency. After his residency, he served as an Instructor in Radiology at the same institution for one year and he completed a fellowship in nuclear medicine at the same time. There was some dismay among his instructors when Dr. Tetelman elected to leave academic radiology and venture into private practice. He served as Director of Radiology at the Hammond Clinic from July 1973 until April 1975. Marc missed the stimulation of

September 7, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Marc R. Tetelman (contd)

academic life and came to The Ohio State University in May of 1975 as an Assistant Professor of Radiology. Subsequently he served as Assistant Director, Acting Director, and since 1977 as Director of the Division of Nuclear Medicine.

Marc conveyed his love of nuclear radiology to the residents who passed through his division and in May of this year they recognized his contribution to their education by electing him the Outstanding Teacher of the Year. Dr. Tetelman was a productive, gifted researcher with broad-ranging interests and he stimulated and encouraged residents to become involved in research. Under his leadership, the Division of Nuclear Medicine became one of the most promising and scientifically active parts of the Department of Radiology. Marc was the author of over 30 scientific publications and multiple presentations. He was a Bremer Foundation researcher in 1976. Marc established and maintained extremely high standards of quality in the clinical examinations of nuclear radiology and it was always his policy that the patient came first. Dr. Tetelman was loved and respected by those who worked under him. With affection, the Nuclear Medicine staff referred to him as "Super-T."

In the last few years, Dr. Tetelman was elected by the physicians in the department to participate in the management of the financial affairs. He did this with much ability, cooperating with and understanding different viewpoints. He helped find a reasonable pathway between individual desires and scientific needs.

Marc was a member of many professional and scientific organizations and served on the consulting staff of several area hospitals.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## ESTABLISHMENT OF "THE C. WILLIAM O'NEILL PROFESSORSHIP IN LAW AND JUDICIAL ADMINISTRATION"

Resolution No. 80-14

*Synopsis: Establishment of "The C. William O'Neill Professorship in Law and Judicial Administration" is being proposed.*

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

September 7, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF "THE C. WILLIAM O'NEILL PROFESSORSHIP  
IN LAW AND JUDICIAL ADMINISTRATION" (contd)**

WHEREAS gifts from many friends of the late Chief Justice C. William O'Neill have been received for the establishment of "The C. William O'Neill Professorship in Law and Judicial Administration"; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income is to be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to the O'Neill Professorship to be recommended to the Provost by the Dean of the College of Law for approval by the Board of Trustees; and

WHEREAS the fund has not yet reached the stipulated level for an "Endowed Professorship," but it is anticipated that that level should be reached soon; and

WHEREAS it is recommended that the income from the funds presently available should be used to support an O'Neill Professorship while efforts to complete the fund continue; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose recommended by the Dean of the College of Law, or if no such position then exists, for any purpose whatsoever as determined by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That "The C. William O'Neill Professorship in Law and Judicial Administration" be established in accordance with the wishes of the donors; and

BE IT FURTHER RESOLVED, That until the fund is fully subscribed, any appointment to fill the professorship will be on a year-to-year basis as a "Designated Professor."

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF THE "PRESIDENTS CLUB PROFESSORSHIP IN LAW"**

Resolution No. 80-15

*Synopsis: Establishment of the "Presidents Club Professorship in Law," a Designated Professorship, is being proposed.*



September 7, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF THE "PRESIDENTS CLUB PROFESSORSHIP IN LAW" (contd)**

WHEREAS the Board of Trustees on March 3, 1972 approved a set of guidelines for the establishment of "Designated Professorships," which was subsequently modified May 5, 1978; and

WHEREAS in recent years many alumni and friends of the College of Law have joined the Presidents Club designating that their gifts be spent at the direction of the Dean of the College of Law to benefit the College; and

WHEREAS the Dean of the College of Law has decided to allocate one hundred and ten thousand dollars of such gifts for the purpose of supporting a Designated Professorship; and

WHEREAS the said sum of one hundred and ten thousand dollars is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income, and the principal sum, if necessary, is to be used to provide support for the work of a distinguished scholar and teacher in the College of Law with the appointment to the "Presidents Club Professorship in Law" to be recommended to the Provost by the Dean of the College of Law for approval by the Board of Trustees; and

WHEREAS the principal sum of one hundred and ten thousand dollars, with the interest to be earned thereon, is sufficient to support a Designated Professorship for a period of at least ten years; and

WHEREAS future allocations of funds to this account may be sufficient to convert it into an "Endowed Professorship"; and

WHEREAS should the need for this faculty position cease to exist, the income and principal may be used for any purpose recommended by the Dean of the College of Law, or if no such position then exists, for any purpose whatsoever as determined by the Board of Trustees;

**NOW THEREFORE**

BE IT RESOLVED, That the "Presidents Club Professorship in Law" be established for a period of ten years to be renewed each year beyond the initial term so long as sufficient money remains in the fund to provide the requisite support; and

BE IT FURTHER RESOLVED, That if the principal of this fund should ever reach the sum of two hundred and fifty thousand dollars, the Professorship shall become an "Endowed Professorship" rather than a "Designated Professorship."

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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September 7, 1979 meeting, Board of Trustees

### ESTABLISHMENT OF POOLED INCOME FUND III

Resolution No. 80-16

*Synopsis: Form of Agreement and Instrument of Transfer for Pooled Income Fund III is being proposed.*

RESOLVED, That the form of Agreement and Instrument of Transfer, included on the following pages, with respect to the University's Pooled Income Fund III be, and they hereby are, approved, adopted, ratified and confirmed.

FURTHER RESOLVED, That the following four individuals be, and they hereby are, nominated and appointed to serve as trustees for donors transferring property to the University's Pooled Income Fund III, each to serve at the pleasure of the Board of Trustees of the University in accordance with the terms of the instruments establishing Pooled Income Fund III:

James W. Kristoff  
James R. McCoy

Joseph S. Platt  
Charles R. Traphagan

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

### CONTRIBUTION TO POOLED INCOME FUND III

#### OF THE OHIO STATE UNIVERSITY

#### (INSTRUMENT OF TRANSFER)

The undersigned \_\_\_\_\_, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund III under the Agreement dated \_\_\_\_\_, 1979, the following property:

the sum of \$ \_\_\_\_\_

the securities or other properties listed in the Schedule 1 attached hereto,

subject to the following terms and conditions:

1. The transfer shall be effective on the \_\_\_\_\_ day of \_\_\_\_\_, 1979.
2. The property will be commingled with property transferred by other Donors who have made or make similar transfers, and will be subject in all respects to said Agreement, the terms and conditions of which are hereby adopted and made a part hereof. A copy of said Agreement is attached hereto.
3. The Donor retains for himself and creates for his spouse, \_\_\_\_\_, a lifetime income interest in the property, determined under said Agreement. The income

September 7, 1979 meeting, Board of Trustees

**CONTRIBUTION TO POOLED INCOME FUND III  
OF THE OHIO STATE UNIVERSITY  
(INSTRUMENT OF TRANSFER) (contd)**

distributable to the life income beneficiaries shall be paid in accordance with said Agreement:

(a) To the Donor during his life

(b) To the Donor's spouse, \_\_\_\_\_, if she survives Donor, during the remainder of her life.

The Donor retains the power exercisable only by will to revoke or terminate the income interest of his spouse.

4. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund III and distributed to the University at the termination of said income interest, as provided in said Agreement.

5. The funds and properties so severed from the Pooled Income Fund III and distributed to the University shall be administered and expended by the University for the following purposes:

Signed by \_\_\_\_\_, Donor, and accepted by the Trustees of the Pooled Income Fund III, as of \_\_\_\_\_

DONOR:

\_\_\_\_\_

TRUSTEES:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

THE OHIO STATE UNIVERSITY

POOLED INCOME FUND III

This Agreement between The Ohio State University (the University) and James R. McCoy, James W. Kristoff, Joseph S. Platt, and Charles R. Traphagan (the Trustees), executed as of the \_\_\_\_\_ day of \_\_\_\_\_, 1979.

W I T N E S S E T H:

The purpose and intent of this Agreement is to create The Ohio State University Pooled Income Fund III (the Trust), a pooled income fund as defined in Section 642 (c) (5) of the Internal Revenue Code and the regulations thereunder, through which donors may make contributions to the University subject to a retained life income interest. This Agreement and the Trust hereby created shall be construed and administered in a manner which is consistent with said statute and regulations.

1. *Contributions.* The Trust shall accept contributions of property (including money) from donors subject to the following terms and conditions:

(a) An irrevocable remainder interest in the property shall be contributed to or for the use of the University.

(b) The donor shall retain for himself and/or create for his spouse (to whom the donor is married at the time of the transfer) and/or other designated beneficiaries who are then alive and are acceptable to the Trustees, a lifetime income interest in the property transferred. If a spouse or other beneficiary is named as a co-beneficiary with the donor, the instrument of transfer shall designate the share of income payable to each and whether such shares are to be enjoyed concurrently and/or consecutively. The donor may retain the power exercisable only by will to revoke or terminate the income interest of his spouse or other designated beneficiary.

(c) Each instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement, and each instrument of transfer shall in turn be adopted or incorporated by reference herein.

2. *Certain Properties Excluded.*

(a) The Trustees shall not accept or hold any property transferred under arrangements other than those specified in paragraph 1 of this Agreement.

(b) The Trustees shall not accept or invest in and the Trust shall not include any securities, the income from which is exempt from federal income tax.

3. *Commingling of Life Income Properties.* The property transferred to the Trust by each donor shall be commingled with and invested or reinvested with other property transferred to the Trust by other donors satisfying the requirements of paragraph 1 of this Agreement.

**THE OHIO STATE UNIVERSITY**  
**POOLED INCOME FUND III (contd)**

4. *Fiscal Year - Valuation Dates.* The Trust shall operate on a fiscal year ending on June 30. The Trust property shall be valued on the first day of each fiscal year (including a fiscal period of less than 12 months), on the first day of each quarter-annual period, and on each date on which property is transferred to the Trust by a donor.

5. *Allocation and Distribution of Income.*

(a) The income share of each beneficiary for each quarter-annual period of the Trust shall be determined by the rate of return earned by the Trust for such period with respect to his income interest (computed on the basis of units of participation). Income distributions shall be paid quarterly not later than 20 days after the end of each quarter. An adjusting payment, if necessary, will be made during the taxable year or within the first sixty-five (65) days following its close to bring the total payments to the actual income to which the beneficiary or beneficiaries are entitled for the year.

(b) Each income interest retained or created shall be assigned a number of units of participation which number shall be computed by dividing the fair market value of the property transferred by the fair market value of a unit in the Trust immediately before such transfer. The fair market value of a unit in the Trust shall be determined by dividing the fair market value of all property in the Trust at such time by the number of units then in the Trust. Although the value of the units vary from time to time, all units in the Fund shall always have equal value.

(c) The amount of income allocated to each unit of participation in the Trust shall be determined by dividing the income of the Trust for the taxable year by the outstanding number of units in the Trust at the end of such year; provided, however, that in the allocation of income to units outstanding during only part of a year (or part of a quarter-annual period) the Trustees shall take into consideration the period of time during which such units were outstanding.

(d) The income interest of a beneficiary shall terminate with the last regular payment made before his death. The Trustees shall not be required to prorate any income payment to the date of the beneficiary's death.

6. *Classification of Income.*

(a) For purposes of this Agreement the term income refers to the ordinary income of the Trust after deducting any costs and expenses incurred by the Trust which are properly chargeable to income, determined under the law of Ohio, and such term has the same meaning as it does under Section 643 (b) of the Internal Revenue Code of 1954, or corresponding provisions of any subsequent federal tax law and the regulations thereunder.

**THE OHIO STATE UNIVERSITY**

**POOLED INCOME FUND III (contd)**

(b) In allocating receipts and disbursements as between principal and income, the Trustees shall be governed by good accounting practices. Specifically (without intending to limit this general rule) all net gains realized in the sale or other disposition of securities and other investments, capital gains distributions received from investment companies, mutual or common trust funds, liquidating distributions, and all other items not defined as income under Section 643 (b) of the Internal Revenue Code, shall be allocated to principal.

Despite any provision of this Trust to the contrary, the Trust shall not accept, hold, or invest or reinvest in, any mutual or common trust fund to which Section 584 of the Internal Revenue Code applies, which accepts, holds, or invests or reinvests in, any security the income from which is exempt from federal income tax.

**7. *Distribution of Remainder Interest.***

(a) Upon the termination of an income interest, an amount equal to the value of the remainder interest in the property upon which the income interest was based shall be severed from the Trust and transferred to the University. The value of the remainder interest for such purpose shall be its value as of the date of the last regular payment made before the beneficiary's death.

(b) The instrument of transfer by the donor may include a statement of his intention or a direction as to the purposes for which the property is to be used by the University. Any such statement or direction shall be reviewed by the Trustees of the Trust and the transfer shall not be accepted unless such purposes are approved.

**8. *Maintenance of Trust - Trusteeship.***

(a) The Trust has been created and will always be maintained by the University, and the Trustees shall be subject to the control of the University. The University may remove any one or more of the Trustees at any time without cause, and in case of such removal or other vacancy in the Trusteeship, the University shall designate one or more successor Trustees.

(b) No donor to the Trust or beneficiary of an income interest in the Trust shall be eligible to serve as Trustee, and no donor or beneficiary shall exercise any responsibilities, directly or indirectly, with respect to the Trust which would ordinarily be exercised by a Trustee.

(c) All expenses of operating the Trust, including any compensation payable to the Trustees, and all other costs and expenses, will be paid from the Trust.

**9. *Administrative Powers.***

(a) Subject to the provisions of paragraph 10 and the rules and regulations applicable to pooled income funds as defined in Section 642 (c) (5) of the Internal

**THE OHIO STATE UNIVERSITY**  
**POOLED INCOME FUND III (contd)**

Revenue Code, the Trustees shall have full and complete power and authority to administer the property in the Trust, including the power to retain, sell, assign, transfer, exchange, mortgage, pledge, contract with respect to, and in any manner dispose of any or all of the property; to lease property, including leases for terms extending beyond the period of the Trust; to execute any instruments or writings incidental to the exercise of their powers; to exercise any voting, subscription and other rights and privileges incidental to securities; and to cause securities to be registered in the name of a nominee. The Trustees are given broad discretion in the investment of funds, including the authority to invest in all types of securities - other than tax exempt securities, see paragraph 2 (b) - and other classes of property deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them of their power so to act.

(b) The Trustees may consult with the managers and investment advisers holding the general endowment funds of the University, and may make use of University services in connection with purchases and sales of securities and other properties. It is intended, however, that this Trust shall at all times be maintained as a separate investment account operated by the Trustees. Detailed accounting records shall be maintained at all times, specifically identifying the assets included in the Trust and the income earned by such assets.

10. *Federal Tax Requirements.* The following specific prohibitions shall apply to the Trust, as a split-interest trust within the meaning of Section 4947 (b) of the Internal Revenue Code:

(a) The Trustees shall not engage in any act of self-dealing as defined in Section 4941 (d) of the Code.

(b) The Trustees shall not retain any excess business holdings as defined in Section 4943 (c) of the Code.

(c) The Trustees shall not make any investment in such manner as to subject the Trust to tax under Section 4944 of the Code.

(d) The Trustees shall not make any taxable expenditures as defined in Section 4945 (d) of the Code.

11. *Duration of Trust - Amendments.*

(a) The Trust shall remain in existence as long as any life income interests are outstanding, and thereafter until all property in the Trust has been transferred to the University.

September 7, 1979 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY**  
**POOLED INCOME FUND III (contd)**

(b) This Agreement shall be irrevocable and shall not be subject to amendment except to comply with Section 642 (c) (5) of the Internal Revenue Code and the regulations thereunder, or corresponding provisions of any subsequent federal tax law or regulations.

Executed by the undersigned Trustees as of the date first written above.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Trustees

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**BUDGET REVISION**

Resolution No. 80-17

*Synopsis: The provisional 1979-80 current funds budget is presented for adoption based on passage of the 1979-81 appropriation bill.*

WHEREAS the provisional budget for 1979-80 was passed by the Board of Trustees on June 7, 1979 pending passage of an appropriations bill for 1979-81 by the General Assembly; and

WHEREAS an appropriations bill was passed in late July, 1979; and

WHEREAS the final appropriations bill contained few adjustments affecting The Ohio State University, the most significant being the passage of a pay increase for classified employees of approximately 11 per cent; and

WHEREAS the provisional budget for both income and expense has been changed to include this pay increase:

NOW THEREFORE

BE IT RESOLVED, That the revised current funds budget be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.



September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS)

	Provisional Budget	Proposed Revised Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$157,203	\$158,295
Libraries	9,614	9,865
Other Academic Support	2,835	2,936
Sponsored Programs Administration	2,639	2,639
Student Services	8,934	9,168
Plant Operation	28,266	29,267
Institutional Support	16,762	17,293
Total Instructional and General	\$226,253	\$229,463
Sponsored Research		
Research Foundation	\$ 34,935	\$ 34,935
Engineering Experiment Station	1,880	1,890
University Sponsored Programs	938	958
Other	3,000	3,000
Total Sponsored Research	\$ 40,753	\$ 40,783
Public Service		
University Hospitals	\$ 89,854	\$ 89,854
Cooperative Extension Service	20,887	20,887
University Sponsored Programs	2,679	2,714
Other	14,476	14,476
Conferences	2,694	2,694
Total Public Service	\$130,590	\$130,625
Student Aid	\$ 6,542	\$ 6,542

September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS)

	Provisional Budget	Proposed Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 21,334	\$ 21,334
Intercollegiate Athletics	10,119	10,119
University Bookstores	5,318	5,318
Student Health Service	2,586	2,611
Student Unions	2,698	2,698
Parking Facilities	3,009	3,009
University Airport	1,765	1,765
Fawcett Center for Tomorrow	1,669	1,669
Other	886	886
Total Auxiliaries	\$ 49,384	\$ 49,409
TOTAL COLUMBUS CAMPUS	\$453,522	\$456,822
Regional Campuses		
Administration	\$ 196	\$ 201
Lima Campus	2,514	2,549
Mansfield Campus	2,398	2,443
Marion Campus	1,479	1,504
Newark Campus	2,041	2,071
Agricultural Technical Institute	2,848	2,883
Wright-Patterson Graduate Center	100	100
Total Regional Campuses	\$ 11,576	\$ 11,751
GRAND TOTAL	\$465,098	\$468,573

September 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET  
(IN THOUSANDS)

	Estimated Income	Revised Estimated Income
<b>Columbus Campus</b>		
Government Appropriations		
State of Ohio	\$157,571	\$160,871
Federal	59,250	59,250
Other	5,650	5,650
Subtotal	\$222,471	\$225,771
Student Fees		
Instruction and General	\$ 61,735	\$ 61,735
Room and Board	17,743	17,743
Other	3,058	3,058
Subtotal	\$ 82,536	\$ 82,536
Other Income		
Auxiliary Sales and Charges	\$110,476	\$110,476
Department and University Services	16,247	16,247
Endowment Income	4,226	4,226
Gifts and Grants	15,957	15,957
Temporary Investments	3,000	3,000
Subtotal	\$149,906	\$149,906
TOTAL COLUMBUS CAMPUS	\$454,913	\$458,213
<b>Regional Campuses</b>		
Lima Campus	\$ 2,814	\$ 2,850
Mansfield Campus	2,712	2,758
Marion Campus	1,693	1,719
Newark Campus	2,321	2,352
Agricultural Technical Institute	3,068	3,103
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 12,707	\$ 12,882
GRAND TOTAL	\$467,620	\$471,095

**PERSONNEL ACTIONS**

Resolution No. 80-18

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the July 20, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

**Appointments**

Name: ROBERT A. BURNHAM  
Titles: Dean, College of Education, and Professor, Academic Faculty of Educational Administration  
Effective: October 1, 1979  
Salary: \$50,000.00 (12 months)  
Present Positions: Dean of the College of Education and Professor of Education, Illinois State University, Normal, Illinois

Name: J. BARTON BOYLE  
Title: Hospital Administrator, University Hospitals  
Effective: September 1, 1979  
Salary: \$43,800.00 (12 months)  
Present Position: Associate Director, Hospitals and Clinics, University of Missouri-Columbia Medical Center

Name: MARY JANICE DICKSON  
Title: Associate Hospital Administrator - Nursing Services, University Hospitals  
Effective: October 1, 1979  
Salary: \$43,080.00 (12 months)  
Present Position: Director of Nursing/Assistant Hospital Director for Nursing, University Hospital, University of Kentucky

Name: DALE KEITH OUZTS  
Title: Director - Telecommunications  
Effective: September 24, 1979  
Salary: \$40,920.00 (12 months)  
Present Position: Senior Vice President for Representation, National Public Radio, Washington, D. C.

September 7, 1979 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments (contd)

Name: TIMOTHY R. DONOGHUE  
Titles: Associate Dean, Graduate School (75 per cent), and Professor, Department of Physics (25 per cent)  
Effective: September 1, 1979  
Salary: \$39,120.00 (12 months)  
Present Position: Professor, Department of Physics, The Ohio State University

#### Leaves of Absence Without Salary

SIDNEY CHAFETZ, Professor, Department of Art, effective January 1, 1980 through September 30, 1980, to serve as a senior Fulbright Lecturer at the University of Belgrade, Yugoslavia.

HAO CHANG, Professor, Department of History, effective October 1, 1979 through December 31, 1979, to accept a research grant from the American Council of Learned Societies.

EUGENE B. FRILEY, Professor, Department of Art, effective October 1, 1979 through December 31, 1979, to serve as a visiting artist at the University of Hawaii.

MORGAN E. SHIPMAN, Professor, College of Law, effective October 1, 1979 through December 31, 1979, to serve as a visiting professor at New York University.

CARTER V. FINDLEY, Associate Professor, Department of History, effective October 1, 1979 through December 31, 1979, to accept a research grant awarded by the Joint Commission on the Near and Middle East of the American Council of Learned Societies and the Social Science Research Council.

PETER M. GERHART, Associate Professor, College of Law, effective October 1, 1979 through December 31, 1979, to serve as visiting associate professor at Georgetown University Law Center.

TIMOTHY E. GREGORY, Associate Professor, Department of History, effective October 1, 1979 through March 31, 1980, to accept the Samuel H. Kress Professorship of Hellenic Studies in Athens.

JAMES M. KITTELSON, Associate Professor, Department of History, effective October 1, 1979 through March 31, 1980, to accept a fellowship awarded by National Endowment for the Humanities.

September 7, 1979 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

DAVID L. STAMPE, Associate Professor, Department of Linguistics, effective January 1, 1980 through June 30, 1980, to accept an NEH Fellowship for study in Europe.

LARRY R. CAMP, Assistant Professor, Department of Art, effective October 1, 1979 through September 30, 1980, to conduct research, i.e., painting in New York City.

KEITH RANDALL EBERHARDT, Assistant Professor, Department of Statistics, effective October 1, 1979 through September 30, 1980, to continue work at the National Bureau of Standards on compliance sampling.

HELEN FEHERVARY, Assistant Professor, Department of German, effective October 1, 1979 through September 30, 1979, to accept a grant from Alexander-von-Humboldt Foundation in West Germany.

THOMAS OBREMSKI, Assistant Professor, Department of Statistics, effective October 1, 1979 through September 30, 1980, to accept a visiting position at the University of Denver.

LAWRENCE L. ROSE, Assistant Professor, Department of Computer and Information Science, effective October 1, 1979 through September 30, 1980, to work at Duquesne Systems, Pittsburgh, Pennsylvania.

GOLDEN JACKSON-MERGLER, Instructor, Cooperative Extension Service, effective September 15, 1979 through May 31, 1980, for graduate study to obtain a Ph.D. degree at The Ohio State University.

#### Professional Improvement Leaves

BYRON L. BONDURANT, Professor, Department of Agricultural Engineering, effective Autumn Quarter 1979 and Winter Quarter 1980.

DONALD R. LARSON, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1980 and Winter Quarter 1981.

JANE M. SNYDER, Associate Professor, Department of Classics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

CHARLES G. S. WILLIAMS, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

September 7, 1979 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### **Emeritus Titles**

GLENN A. FRY, College of Optometry, with the title Professor Emeritus, effective July 1, 1979.

ISABEL MILLER, Academic Faculty of Early and Middle Childhood Education, with the title Associate Professor Emeritus, effective August 1, 1979.

MELBA D. WOODRUFF, Academic Faculty of Humanities Education, with the title Associate Professor Emeritus, effective September 1, 1979.

KENNETH E. ACKERMAN, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1979.

ARTHUR B. LEWIS, College of Dentistry (Orthodontics), with the title Assistant Professor Emeritus, effective July 1, 1979.

FADIL I. MERHEMIC, University Libraries, with the title Assistant Professor Emeritus, effective September 1, 1979.

MAURICE L. ZOX, Department of Surgery, with the title Assistant Professor Emeritus, effective July 1, 1979.

Upon motion of Mr. Redman, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS**

Resolution No. 80-19

*Synopsis: The reports on contracts, grants and gifts and the summary for July are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of July 1979, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

## SUMMARY FOR JULY 1979

Source	No. of Projects	Support Level
Office of Business and Administration	11	\$2,465,807.61
The Ohio State University Research Foundation	104	4,529,858.93
Engineering Experiment Station	2	17,600.00
		\$7,013,266.54
<b>May 1979</b>		
The Ohio State University Development Fund	3,098 Donors	\$ 962,048.85
<b>Establishment of Named Funds</b>		
The John Rosebrough Memorial Scholarship Fund (Scholarships - College of Law)		\$ 4,381.00
Charles C. Callahan Scholarship Fund (Scholarships - College of Law)		\$ 3,430.00



September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

Report from Presidents Club

Members to date	3,155
1979: year to date	312
New members - July 1979	32

New Presidents Club Members - July 1979

Carol O. Bush (Mrs. Charles A.)	Rosalie Levy
Raymond B. Casto	Leslie Loveless
Donald R. Cruickshank	Kathryne M. Makley
Marcel J. Daneault	Robert V. Marraro
Robert Euser	George N. Meeker
Richard L. Falter	Dana A. Miller
John J. Fromkes	Roger W. Miller
Susan C. Fromkes (Mrs. John J.)	Harland L. Mischler
Charles M. Galloway	Evelyn A. Moody
James E. Geis	R. Donald Rorapough
Charles F. Glander	Ronald T. Salyer
Raymond L. Grieselhuber	N. T. Shah
Edwina S. Jenkins (Mrs. Thomas G.)	Richard L. Swob
Diana T. Kakos (Mrs. Gerard S.)	Ronald W. Turscak
Melanie S. Kennedy (Mrs. Bruce H.)	Robert E. Watson
Keith M. Kulow	Frank Zidonis

September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**OFFICE OF BUSINESS AND ADMINISTRATION**

**State of Ohio Contracts/Grants**

\$830,582.37 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Trade and Industrial Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$574,568.47 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Agriculture, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

\$250,859.71 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Research, Survey, Evaluation and Exemplary Programs, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

\$247,137.28 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Distributive Education Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$233,043.42 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Home Economics, School of Home Economics, July 1, 1979 through June 30, 1980.

\$108,846.56 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Business and Office Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$106,036.80 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Guidance Services in Vocational Education, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$95,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Vocational Educational Materials Laboratory Support, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$16,583.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Developing a Model for Recruitment, Retention and Placement of Female Students in Secondary Vocational Education Programs Which Have Traditionally Been for Males, Department of Agricultural Education, July 1, 1979 through June 30, 1980.

September 7, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### OFFICE OF BUSINESS AND ADMINISTRATION (contd)

#### State of Ohio Contracts/Grants (contd)

\$2,150.00 - State of Ohio, Ohio Historical Center, Columbus, Ohio, Regional Historic Preservation Office, Region 4A: Coshocton Survey Project, Mansfield Regional Campus, June 1, 1979 through August 31, 1979.

\$1,000.00 - State of Ohio, Ohio Historical Center, Columbus, Ohio, Ohio Historic Inventory: Mt. Vernon, Knox County, Mansfield Regional Campus, June 1, 1979 through August 31, 1979.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS

\$2,465,807.61

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$246,212.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Services, Rockville, Maryland, Nutritional Status of Functionally Retarded Children, Nisonger Center for Mental Retardation (B. A. Whittle Kozlowski), 1 July 1979 through 30 June 1980. (Project 760695 - Continuation)

\$241,940.00 - U. S. Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *In Vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (R. W. Hart), 26 December 1978 through 25 December 1979. (Project 761447 - Continuation)

\$158,276.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Departments of Physiological Chemistry and Veterinary Pathobiology (G. E. Milo), 1 July 1979 through 31 December 1980. (Project 761756 - New)

\$144,000.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education of the Handicapped, Washington, D. C., A Parent-Child Interaction Model for Assessment and Training of Severe Language Delay, Nisonger Center for Mental Retardation (J. D. MacDonald), 1 July 1979 through 30 June 1980. (Project 761189 - Continuation)

\$139,300.00 - U. S. Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 15 June 1979 through 14 June 1980. (Project 764440 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$133,205.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Teacher Corps Operation and Training, Academic Faculty of Early and Middle Childhood Education (C. R. Williams and E. Freeman), 15 July 1979 through 14 July 1980. (Project 761660 - Continuation)

\$115,760.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery and College of Medicine - Administration (G. J. Cerilli), 1 July 1979 through 30 June 1980. (Project 761412 - Continuation)

\$114,882.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1979 through 31 July 1980. (Project 760122 - Continuation)

\$105,670.00 - National Science Foundation, Washington, D. C., Extension and Application of a Theory of Information Flow and Analysis: The Use of Information in a Decision-Making Environment, Department of Computer and Information Science (M. C. Yovits), 1 August 1979 through 31 July 1981. (Project 761772 - Continuation)

\$85,442.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Development Grant, School of Nursing (J. S. Stevenson), 1 July 1979 through 30 June 1980. (Project 761747 - New)

\$84,701.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski), 1 July 1979 through 30 June 1980. (Project 761133 - Continuation)

\$82,038.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Factors Modifying Blood Platelet Function in Diabetics, Department of Physiological Chemistry (H. W. Sprecher), 1 July 1979 through 30 June 1980. (Project 760745 - Continuation)

\$78,925.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Antigenicity of Precancerous Lesions in Animal Models, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover), 30 September 1979 through 29 September 1980. (Project 760918 - Continuation)

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$74,970.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Cancer Research Center (M. D. Keller and D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 760789 - Continuation)

\$73,308.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 30 June 1979 through 29 June 1980. (Project 761229 - Continuation)

\$69,890.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Advanced Psychiatric-Mental Health Nursing, School of Nursing (G. M. Sills), 1 July 1979 through 30 June 1980. (Project 761199 - Continuation)

\$66,880.00 - National Science Foundation, Washington, D. C., Applications of Differential Reflectivity Radar Measurements to SESAME, Department of Electrical Engineering (T. A. Seliga), 1 May 1979 through 30 April 1980. (Project 761725 - New)

\$66,733.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Polymerized Tumor Antigen-Adjuvant Immunotherapy, Department of Medicine (J. A. Neidhart), 1 July 1979 through 30 June 1980. (Project 761757 - New)

\$64,513.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, New Spectral Probes in Hemolytic Anemias, Department of Chemistry (J. O. Alben), 1 July 1979 through 30 June 1980. (Project 760289 - Continuation)

\$64,143.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 July 1979 through 30 June 1980. (Project 764403 - Continuation)

\$63,566.00 - National Science Foundation, Washington, D. C., Synthesis and Studies of Selected Metal Carbonyl and Metalloborane Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1979 through 31 August 1980. (Project 761767 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$60,779.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Protein Stability and Aging in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 July 1979 through 30 June 1980. (Project 761724 - New)

**\$60,076.00** - Department of Health, Education, and Welfare, Office of Education, Bureau of Education of the Handicapped, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 August 1979 through 30 June 1980. (Project 761774 - New)

**\$59,336.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 July 1979 through 30 June 1980. (Project 761742 - New)

**\$58,480.00** - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1979 through 30 June 1980. (Project 760710 - Continuation)

**\$58,026.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunotherapy of Experimental Lung Cancer, Department of Microbiology and Cancer Research Center (B. S. Zwillig), 1 August 1979 through 31 July 1980. (Project 760172 - Continuation)

**\$56,496.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry (P. A. Frey), 1 July 1979 through 30 June 1980. (Project 762811 - Continuation)

**\$52,990.00** - National Endowment for the Humanities, Washington, D. C., International Cooperation in Publishing Records of Early English Drama, Center for Medieval and Renaissance Studies (S. J. Kahrl), 1 June 1979 through 31 May 1981. (Project 761741 - New)

**\$52,300.00** - National Science Foundation, Washington, D. C., Carbenic Processes, Department of Chemistry (H. S. Shechter), 1 August 1979 through 31 July 1980. (Project 760835 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$51,500.00 - National Science Foundation, Washington, D. C., Wave Properties of Heterogeneous Materials, Department of Physics (R. L. Mills, J. Korringa, and D. G. Stroud), 1 August 1979 through 31 July 1980. (Project 761213 - Continuation)

\$51,498.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1979 through 30 June 1980. (Project 761183 - Continuation)

\$49,962.00 - U. S. Environmental Protection Agency, Washington, D. C., Chlorinated Hydrocarbons: Insecticide vs. Carcinogenic Action, Department of Radiology (R. W. Hart), College of Pharmacy (N. J. Lewis), and Department of Entomology (W. J. Collins), 18 July 1979 through 17 July 1980. (Project 760756 - Continuation)

\$49,815.00 - Department of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland, Limitation in Function and Disability, Mershon Center for Education in National Security (S. Z. Nagi), 1 May 1979 through 30 September 1979. (Project 761717 - New)

\$46,679.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Flavoenzyme Mechanisms: Redox and Non-Redox Reactions, Department of Chemistry (M. S. Jorns), 1 July 1979 through 30 June 1980. (Project 764374 - Continuation)

\$45,833.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program (Educational Equity) (Phases I and II), The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761396 - Continuation)

\$42,784.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Sound Transmission in Lung, Departments of Veterinary Physiology and Pharmacology and Medicine (D. A. Rice) and Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 August 1979 through 31 July 1980. (Project 760728 - Continuation)

\$42,370.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Models and Mechanisms of Acute Lung Injury After Shock, Department of Surgery (B. D. Lowery), 1 July 1979 through 30 June 1980. (Project 761744 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$41,280.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 1 July 1979 through 30 June 1980. (Project 761732 - New)

\$40,505.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Expansion of Geoecological Mapping Along the Yukon River-Prudhoe Bay Road and Within, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 July 1979 through 30 June 1980. (Project 761776 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Interactions of Chloroplast Membrane Proteins, Department of Biochemistry (E. L. Gross), 1 July 1979 through 30 June 1980. (Project 761212 - Continuation)

\$39,918.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 September 1979 through 31 August 1980. (Project 760928 - Continuation)

\$38,167.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry (Child) Residency, Department of Psychiatry (L. E. Arnold), 1 July 1979 through 30 June 1980. (Project 761764 - New)

\$38,144.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Study of the Activities of IMPY and Its Metabolites, Department of Medicine (J. A. Neidhart), 1 August 1979 through 31 July 1980. (Project 761777 - New)

\$30,312.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Decision Processes in Pattern Matching, Department of Psychology (L. E. Krueger), 1 July 1979 through 30 June 1980. (Project 761743 - New)

\$29,984.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Polarstar Formation Ellsworth Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson), 1 August 1979 through 31 July 1980. (Project 761770 - New)



**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$29,892.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions (F. M. Pierson), 1 July 1979 through 30 June 1980. (Project 760720 - Continuation)

\$29,279.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Biosynthetic and Structural Studies in Phaeomelanin, Department of Chemistry (M. R. Chedekel), 1 July 1979 through 30 June 1980. (Project 761697 - New)

\$26,500.00 - National Science Foundation, Washington, D. C., On Some Combinatorial Problems and Their Applications, Department of Mathematics, (D. K. Ray-Chaudhuri), 1 July 1979 through 30 June 1981. (Project 761735 - Continuation)

\$20,500.00 - National Science Foundation, Washington, D. C., Geochronology and Petrology of the Eastern Pioneer Mountains, Montana, Department of Geology and Mineralogy (J. F. Sutter), 1 June 1979 through 31 May 1980. (Project 761754 - New)

\$20,169.00 - Sandia Laboratories, Albuquerque, New Mexico, Stress and Roof Subsidence Evaluations for Selected Coal Mine Pillar Geometries, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 23 July 1979 through 31 March 1980. (Project 761778 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Genesis of Mineralization Associated with Andean Intrusions, Northern Antarctica Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 August 1979 through 31 July 1980. (Project 761769 - New)

\$20,000.00 - National Endowment for the Arts, Washington, D. C., Organization Grant Application, National Endowment for the Arts, Museum Purchase Plan, Arts Administration (B. Collings), 1 July 1979 through 30 June 1980. (Project 761761 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Geochemistry and Byrd-Darwin Glacier Area, Transantarctic Mountains, Antarctica, Department of Geology and Mineralogy and Institute of Polar Studies (G. Faure), 1 August 1979 through 31 July 1980. (Project 761084 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$19,821.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Photochemical and Structural Studies on Phaeomelanin, Department of Chemistry (M. R. Chedekel), 1 August 1979 through 31 July 1980. (Project 761760 - New)

\$18,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, ADI Relaxation Algorithms Applied to Grid Generation, Department of Mechanical Engineering (S. Nakamura), 1 July 1979 through 30 June 1980. (Project 760964 - New)

\$15,000.00 - Department of Energy, Oak Ridge Operations, Oak Ridge, Tennessee, The Pre-Freshman and Cooperative Education for Minorities in Engineering (PREFACE) Program at The Ohio State University, College of Engineering (M. M. McGee), 15 May 1979 through 30 June 1980. (Project 761755 - New)

\$14,120.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Dental Hygiene - Teacher Preparation (M. S.), School of Allied Medical Professions (D. C. Broski), 1 July 1979 through 30 June 1980. (Project 761227 - Continuation)

\$13,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Otoconial Deprivation on Gravity Receptors, Department of Otolaryngology (D. J. Lim and D. R. Trune), 1 August 1979 through 31 July 1980. (Project 761485 - New)

\$10,181.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Electronic Search Technology Applicable to the SETI Problem, Department of Electrical Engineering (J. D. Kraus), 1 August 1979 through 31 July 1980. (Project 760413 - Continuation)

\$9,405.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Studies Centers and Fellowships - East Asian, Center for International Studies (J. S. Adams) and Department of Political Science (B. Richardson), 15 August 1979 through 14 August 1980. (Project 761749 - New)

\$9,130.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Vaccine Against the Lethal Exotoxin of *Pseudomonas aeruginosa*, Department of Microbiology (N. R. Baker), 1 June 1979 through 31 May 1980. (Project 761141 - Continuation)

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## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

**\$9,095.00** - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Software Support System for Data Acquisition, Department of Electrical Engineering (H. Hemami), 29 June 1979 through 30 November 1979. (Project 761750 - New)

**\$8,802.00** - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Development and Testing of a Hewlett-Packard PDP Data Link, Department of Electrical Engineering (H. Hemami), 29 June 1979 through 30 November 1979. (Project 761751 - New)

**\$8,500.00** - National Science Foundation, Washington, D. C., Weil Representation and Applications to the Lifting Problem, Department of Mathematics (S. Rallis), 1 July 1979 through 30 June 1980. (Project 761100 - Continuation)

**\$5,000.00** - National Science Foundation, Washington, D. C., Thermodynamics of Photosynthesis, Department of Biochemistry (R. T. Ross), 1 November 1979 through 31 January 1980. (Project 760529 - Continuation)

**\$4,997.00** - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 1 July 1979 through 31 October 1979. (Project 761736 - Continuation)

**\$4,110.00** - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Studies Centers and Fellowships - Near and Middle East, Center for International Studies (J. S. Adams) and Department of History (M. Waldman), 15 August 1979 through 14 August 1980. (Project 761759 - New)

**\$3,561.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine (H. G. Cramblett), 1 April 1979 through 31 March 1980. (Project 761078 - Continuation)

**\$2,936.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School (J. B. LaPidus), 1 April 1979 through 31 March 1980. (Project 764748 - Continuation)

**\$1,932.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Developmental Biology - Interdisciplinary, Department of Zoology (R. A. Tassava), 1 July 1977 through 30 June 1978. (Project 760744 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$1,500.00 - National Endowment for the Humanities, Washington, D. C., Profession in Crisis: Historical Perspective on Current Criticisms of Medicine, Department of History (J. C. Burnham), 1 July 1979 through 31 December 1979. (Project 761527 - Continuation)

\$956.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1979 through 31 March 1980. (Project 760661 - Continuation)

\$830.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (C. R. Smith), 1 April 1979 through 31 March 1980. (Project 762776 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$3,758,804.00**

**State of Ohio Research Contracts/Grants**

\$30,000.00 - State of Ohio, Department of Economic and Community Development, Office of Criminal Justice Service, Columbus, Ohio, Survey of Public Attitudes Concerning Crime and Criminal Justice, Department of Political Science (S. Thorson), 1 August 1979 through 30 November 1979. (Project 761765 - New)

\$9,500.00 - State of Ohio, Department of Health, Columbus, Ohio, A Study of the 1,122 Applicants Using Decision Analysis, School of Allied Medical Professions (P. C. Nutt), 15 July 1979 through 30 September 1980. (Project 761758 - New)

\$2,843.00 - The Ohio Program in the Humanities, Columbus, Ohio, Proud Black Images: Radio Presentations, Department of Black Studies (C. Nesbitt), 1 July 1979 through 31 December 1979. (Project 761256 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 42,343.00**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$218,270.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry (W. A. Zacherl), 1 July 1979 through 30 June 1980. (Project 762065 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$82,137.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry (C. W. Conroy), 1 July 1979 through 30 June 1980. (Project 760029 - Continuation)

\$72,432.00 - The University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 July 1979 through 30 June 1980. (Project 761294 - Continuation)

\$63,316.00 - The Kroc Foundation, Santa Ynez, California, Canine Distemper Virus and Multiple Sclerosis, Department of Veterinary Pathobiology (S. Krakowka), 1 July 1979 through 30 June 1981. (Project 761738 - New)

\$46,600.00 - The Rockefeller Foundation, New York, New York, Internal Migration and Decentralization Policy in Venezuela, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (S. C. Kelley and D. M. Ronchi), 1 July 1979 through 28 February 1981. (Project 761523 - New)

\$43,989.00 - Purdue University, West Lafayette, Indiana, Changes in the Economic Profile of Homeowners in Response to Recent Inflation, Department of Economics and Academic Faculty of Finance (E. J. Kane), 26 January 1979 through 31 December 1979. (Project 761684 - New)

\$28,587.00 - Marion County Comprehensive Employment and Training Act Program, Marion, Ohio, Training Program for Clients in Marion, Ohio, Local Area, Marion Campus (R. W. Felger) and The National Center for Research in Vocational Education (R. E. Taylor), 12 June 1979 through 11 December 1980. (Project 761666 - New)

\$25,225.00 - Madison Public Schools, London, Ohio, Martin W. Essex School for the Gifted, 1979, Academic Faculty for Exceptional Children (T. M. Stephens and R. H. Swassing), 1 June 1979 through 30 September 1980. (Project 761753 - New)

\$18,188.00 - Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1979 through 31 March 1980. (Project 761775 - New)

\$15,000.00 - Paralyzed Veterans of America, Washington, D. C., Spinal Cord Injury State after Trauma, Department of Surgery (D. G. Yashon), 1 July 1979 through 30 June 1980. (Project 760740 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation - Adaptation to Chronic Exercise, Department of Physiological Chemistry (A. J. Merola and A. C. Gillespie), 1 October 1979 through 30 September 1980. (Project 761672 - New)

\$10,000.00 - Battelle Memorial Institute, Columbus, Ohio, Markers for Selective Chemotherapeutic Testing *In Vitro*, Department of Physiological Chemistry and Comprehensive Cancer Center (R. W. Trewyn), 1 August 1979 through 31 January 1980. (Project 761745 - New)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1979 through 31 March 1980. (Project 760159 - Continuation)

\$9,996.00 - Massachusetts Institute of Technology, Cambridge, Massachusetts, Flight Evaluation of the Aeroacoustics of a New General Aviation Propeller, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. D. Korkan) and Department of Aviation (G. S. Weislogel), 1 June 1979 through 31 December 1979. (Project 761708 - Continuation)

\$9,746.00 - University of Maine at Orono, Orono, Maine, A Study of the Interaction of the Ross Ice Shelf with Byrd Glacier, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (H. H. Brecher), 1 June 1979 through 30 September 1979. (Project 761737 - New)

\$9,000.00 - Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Evaluation of Chronic Aluminum Neurotoxicity, College of Pharmacy (M. C. Gerald), 1 July 1979 through 30 June 1980. (Project 761748 - New)

\$8,600.00 - University of Dayton, Research Institute, Dayton, Ohio, Radiolabeling Tetrahydrodicyclopentadiene, College of Pharmacy (F. D. Cazer), 1 June 1979 through 15 September 1979. (Project 761734 - New)

\$7,080.00 - Ohio Wesleyan University, Delaware, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services (R. F. Rodgers), 5 August 1979 through 4 June 1980. (Project 761740 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Human Macrophage Tumoricidal Activity, Department of Medicine (J. J. Rinehart), 1 July 1979 through 30 June 1980. (Project 761762 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, N, N-dimethylasparagine. A Substitute for Asparaginase Therapy, Department of Biochemistry (G. P. Royer), 1 July 1979 through 30 June 1980. (Project 761726 - New)

\$5,782.00 - Exxon Education Foundation, New York, New York, Implementation of the Dartmouth Intensive Language Model, Department of Judaic and Near Eastern Languages and Literatures (V. A. Cairns), 1 July 1979 through 30 June 1980. (Project 761768 - New)

\$5,000.00 - The Petroleum Research Fund, American Chemical Society, Washington, D. C., Rapid Three-Carbon Annulations, Department of Chemistry (D. J. Hart), 1 July 1979 through 30 June 1981. (Project 761771 - New)

\$5,000.00 - World Health Organization, Special Programs for Research and Training in Tropical Diseases, Geneva, Switzerland, Development of *In Vitro* Production of Insect Pathogens in Invertebrate Cell Lines, Department of Entomology (W. F. Hink), 1 August 1979 through 31 July 1980. (Project 761121 - Continuation)

\$4,320.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Programming, and Policy Analysis, Academic Faculties of Special Services and Educational Administration (R. F. Rodgers), 7 September 1979 through 7 June 1980. (Project 761763 - New)

\$2,550.00 - Ohio Medical Indemnity Mutual Corporation, Worthington, Ohio, School Health Curriculum Project 4th Grade, School of Health, Physical Education and Recreation (P. Heit), 1 July 1979 through 1 September 1979. (Project 761746 - New)

\$2,456.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, Department of Sociology (J. E. Scott), 1 August 1979 through 30 September 1979. (Project 761752 - New)

\$2,000.00 - The George Washington University, Washington, D. C., A Study of the Problems of Developing an Information System Concerning Energy Storage, The National Center for Research in Vocational Education (R. E. Taylor) 1 July 1979 through 31 August 1979. (Project 768020 - New)

September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$437.93 - International Studies Association, Pittsburgh, Pennsylvania, Direction of the International Studies Association Curriculum Development Project, Department of Political Science (J. E. Harf), 1 August 1976 through 30 June 1977. (Project 760569 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON- FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 728,711.93</b>
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**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$9,000.00 - American Iron and Steel Institute, Washington, D. C., for Columns Braced in Nonprinciple Directions, Department of Civil Engineering, July 13, 1979 through April 30, 1980. (EES 598/529078)

\$8,600.00 - Brick Institute of America, Canton, Ohio, for Passive Solar Energy Project for the Ohio State Fair Solar Home: Phase I Design and Documentation, Department of Architecture, June 1, 1979 through September 30, 1979. (EES 597/529077)

<b>TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT</b>	<b>\$ 17,600.00</b>
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**Sponsored Development Projects**

\$70,766.00 from various sponsors for 36 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$68,000.00 - General Motors Foundation, Inc., Detroit, Michigan: \$13,000.00 for Capital Campaign-Mechanical Engineering; \$11,000.00 for the Capital Campaign-Electrical Engineering; \$8,000.00 for the Capital Campaign-Industrial and Systems Engineering; \$7,000.00 for the Capital Campaign-Chemical Engineering; \$6,000.00 for the College of Engineering Special Fund; \$6,000.00 for the Engineering Mechanics Chairman's Discretionary Fund; \$6,000.00 for the Capital Campaign-Welding Engineering; \$5,000.00 for the Capital Campaign-Engineering Graphics; \$5,000.00 for the Capital Campaign-Metallurgical Engineering; and \$1,000.00 for the Affirmative Action Program in Engineering Fund.



September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for the Battelle/Ohio State University Partnership in Engineering Education Fund.

\$30,501.44 - Louise Orr Scott Foundation, Columbus, Ohio: \$22,876.08 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,625.36 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$26,625.00 - Arthur E. Shepard, Columbus, Ohio: \$26,125.00 for the Presidents Club Special Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.

\$26,220.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware: \$14,220.00 for the Clinical Pharmacology Fund and \$12,000.00 for the Affirmative Action Program in Engineering Fund.

\$25,000.00 - The James W. Overstreet Trust, Columbus, Ohio, (given in the name of James W. Overstreet), for the Novice G. Fawcett Chair of Educational Administration.

\$21,600.00 - Eli Lilly and Company, Indianapolis, Indiana: \$16,000.00 for the Infectious Disease Research Fund and \$5,600.00 for the Lilly Research.

\$19,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$18,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$17,686.80 - Systems Associates, Columbus, Ohio: \$9,872.47 for the Department of Medicine General Fund; \$4,116.70 for the Cardiology Support Fund; \$2,695.63 for the Clinical Pharmacology of Dobutamine - Eli Lilly Co.; \$1,002.00 (given in the name of Carol O. Bush) for the Cardiology Support Fund.

\$14,620.00 - The Procter & Gamble Company, Cincinnati, Ohio: \$7,660.00 for the Procter & Gamble Fellowship in Chemistry and \$6,960.00 for the Procter & Gamble Fellowship Fund in Chemical Engineering.

\$13,541.15 - Grant Hospital, Columbus, Ohio, for the Ophthalmology Teaching Fund.

\$11,208.00 - Pfizer, Inc., New York, New York, for the Infectious Disease Research Fund.

September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$11,062.10 - William Howard Bay, M.D., Inc., Columbus, Ohio, (given in the name of William Howard Bay): \$6,565.78 for the Department of Medicine General Fund and \$4,496.32 for the Renal Disease Fund.

\$10,000.00 - BancOhio/Ohio National Bank, Columbus, Ohio, (given in the names of Robert G. Stevens and Kenneth R. Murray), for the Ohio 4-H Foundation Support Fund.

\$10,000.00 - Melanie S. Kennedy, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - The Kettering Fund, Dayton, Ohio, (given in the name of Mrs. Virginia Kempf), for the 4-H Camp Clifton Improvement Fund.

\$10,000.00 - N. T. Shah, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$9,114.09 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$9,094.00 - Bert C. Moore, Washington, D. C., for undesignated gifts.

\$8,903.76 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$6,000.00 - Central Ohio Center for Economic Education, for the Center for Economic Education.

\$6,000.00 - Melvin Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$6,000.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for the Orton Foundation Fellowship.

\$5,580.00 - Dr. Richard D. Gilson, Columbus, Ohio, for the Department of Aviation Chairman's Discretionary Fund.

\$5,500.00 - Owens Corning Fiberglas, Toledo, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,200.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$5,000.00 - Exxon Education Foundation, New York, New York, for the Exxon Graduate Fellowship in Chemical Engineering.

\$5,000.00 - McDonald's Restaurants of Ohio, Columbus, Ohio, for the Ohio 4-H Foundation Support Fund.

\$5,000.00 - Ohio Association of Garden Clubs, Inc., Orient, Ohio, for the Ohio Association of Garden Clubs Horticulture Scholarship.

\$5,000.00 - Ohio Turfgrass Foundation, Columbus, Ohio: \$2,500.00 for the Bio-Catalytic Soil Conditioners Research Fund and \$2,500.00 for the GCSAA Research Fund.

**Gift-in-Kind**

\$34,500.00 - JMR Instruments, Inc., Chatsworth, California, 1-JMR Doppler Survey Set for use in the Department of Geodetic Science.

**Establishment of Named Funds**

**The John Rosebrough Memorial Scholarship Fund**

The John Rosebrough Memorial Scholarship Fund was established September 7, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from friends of the late John Rosebrough, a former student in the College of Law from Ironton, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Law who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee and the Dean of the College of Law.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

September 7, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**Charles C. Callahan Scholarship Fund**

The Charles C. Callahan Scholarship Fund was established September 7, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of the late Charles C. Callahan, a former professor in the College of Law.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Law who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee and the Dean of the College of Law.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

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**EMPLOYMENT OF ARCHITECT/ENGINEER**

**ST. JOHN ARENA**

**EXPANSION OF LOCKER ROOM FACILITIES**

**Resolution No. 80-20**

*Synopsis: Employment of Architect for developing space in the basement of St. John Arena for use as a Locker Room facility.*

WHEREAS the existing locker room facilities in St. John Arena are inadequate to accommodate the increased programs offered by the Department of Athletics; and

WHEREAS it has been determined to be feasible to develop space in the north basement of St. John Arena to provide approximately 7,500 square feet of space for showers, toilets and locker room facilities primarily in support of Women's Intercollegiate Athletics:

September 7, 1979 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER (contd)**

**ST. JOHN ARENA  
EXPANSION OF LOCKER ROOM FACILITIES (contd)**

**NOW THEREFORE**

BE IT RESOLVED, That the firm of Trott & Bean Architects, Columbus, Ohio, be employed to provide complete architectural services for this project including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total estimated project cost being \$271,975 with funds being provided by the Department of Athletics.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PLANS AND SPECIFICATIONS**

Resolution No. 80-21

*Synopsis: Plans and specifications are being proposed for the following projects.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

**DODD HALL AND MEANS HALL, EXTERIOR RESTORATION**

Project:	Steam cleaning of all masonry surfaces, tuckpointing and all necessary repairs for complete restoration of deteriorated areas. Waterproof coating will be applied after all repairs are made.
Funding:	Budget Account 882018
Estimated Project Cost:	\$183,584.00

September 7, 1979 meeting, Board of Trustees

## **PLANS AND SPECIFICATIONS (contd)**

### **VETERINARY HOSPITAL, RENOVATION OF WASTE MATERIAL HANDLING SYSTEM**

**Project:** Remodel and modify waste material handling in the veterinary hospital facility. These improvements will reduce maintenance costs, improve occupant environment and safety.

**Funding:** Budget Account 882902

**Estimated Project Cost:** \$130,583.00

#### **NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 80-22

*Synopsis: Contracts have been awarded for the projects listed on the following pages to the lowest and best bidders in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY**

Description: Construction of a new four-story building located within the building complex of the College of Agriculture and Home Economics on the campus west of the Olentangy River. This building will provide essential and modern facilities necessary to accommodate the academic, research and extension programs of the Department of Agronomy, the School of Natural Resources and the Department of Plant Pathology. The departments are now located in four buildings in different areas of the campus.

**General Contract**

Date Received:	March 14, 1979
No. of Bids:	5
Low Bid:	\$ 6,320,000.00* **
High Bid:	\$ 7,635,000.00
Estimate of Cost:	\$ 5,440,913.00
Awarded to:	Setterlin Company (Columbus, Ohio)

**Plumbing Contract**

Date Received:	March 14, 1979
No. of Bids:	4
Low Bid:	\$ 718,000.00**
High Bid:	\$ 1,165,000.00
Estimate of Cost:	\$ 756,729.00
Awarded to:	Montoney's Heating & Piping (Columbus, Ohio)

\*General, Fire Protection and Environmental Room Contracts in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

\*\* Less reduction of negotiated items.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY (contd)**

**Heating, Ventilating and  
Air Conditioning Contract**

Date Received:	March 14, 1979
No. of Bids:	5
Low Bid:	\$ 1,942,000.00**
High Bid:	\$ 2,221,000.00
Estimate of Cost:	\$ 1,971,951.00
Awarded to:	Kirk Williams Company, Inc. (Grove City, Ohio)

**Electrical Contract**

Date Received:	March 14, 1979
No. of Bids:	4
Low Bid:	\$ 1,422,850.00**
High Bid:	\$ 1,639,000.00
Estimate of Cost:	\$ 1,678,382.00
Awarded to:	Burroughs-Hatfield Electric, Division of Hatfield Electric Company (Columbus, Ohio)

**Fire Protection Contract**

Date Received:	July 6, 1979
No. of Bids:	3
Low Bid:	\$ 211,344.00*

\*General, Fire Protection and Environmental Room Contracts in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

\*\*Less reduction of negotiated items.



September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY (contd)**

**Fire Protection Contract (contd)**

High Bid:	\$ 251,186.00
Estimate of Cost:	\$ 209,100.00*
Awarded to:	Star Equipment, Division of Star Industries, Inc. (Columbus, Ohio)

**Environmental Rooms Contract**

Date Received:	July 6, 1979
No. of Bids:	3
Low Bid:	\$ 205,638.00*
High Bid:	\$ 350,811.00
Estimate of Cost:	\$ 205,600.00
Awarded to:	Warren-Sherer, Division of Kysor Industrial Corp. (Marshall, Michigan)

**Growth Chambers Contract**

Date Received:	March 14, 1979
No. of Bids:	1
Low Bid:	\$ 39,700.00
Estimate of Cost:	\$ 100,000.00
Awarded to:	Warren-Sherer, Division of Kysor Industrial Corp. (Marshall, Michigan)

\*General, Fire Protection and Environmental Room Contracts in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY (contd)**

**Laboratory Equipment Contract**

Date Received:	August 10, 1979
No. of Bids:	2
Low Bid:	\$ 829,497.00
High Bid:	\$ 849,239.00
Estimate of Cost:	\$ 860,468.00
Awarded to:	Kewaunee Scientific (Statesville, N. C.)
Total All Contracts:	\$11,689,029.00
Total Contingency Allowance:	\$ 31,193.20 which is .3 percent of construction contracts
Total Project Cost:	\$13,494,000.00
Funding:	H.B. 687, Item 315-703 (\$294,000.00) and H.B. 618, Item 315-103 (\$13,200,000.00)

**UNIVERSITY HOSPITAL RENOVATION, PHASE II**

Description: Improvements to patient-care accommodations, which are obsolete through the advancement of technology and have deteriorated due to normal use.

**General Contract**

Date Received:	August 16, 1979
No. of Bids:	2
Low Bid:	\$ 3,980,000.00
High Bid:	\$ 3,995,000.00
Estimate of Cost:	\$ 4,100,000.00
Awarded to:	The Setterlin Company (Columbus, Ohio)

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**UNIVERSITY HOSPITAL RENOVATION, PHASE II (contd)**

**Heating, Ventilating and  
Air Conditioning Contract**

Date Received:	August 16, 1979
No. of Bids:	3
Low Bid:	\$ 2,137,300.00*
High Bid:	\$ 2,559,000.00
Estimate of Cost:	\$ 2,050,000.00
Awarded to:	J. A. Guy, Inc. (Columbus, Ohio)

**Plumbing Contract**

Date Received:	August 16, 1979
No. of Bids:	2
Low Bid:	\$ 1,630,400.00*
High Bid:	\$ 1,684,000.00
Estimate of Cost:	\$ 1,450,000.00
Awarded to:	Sauer, Inc. (Columbus, Ohio)

**Electrical Contract**

Date Received:	August 16, 1979
No. of Bids:	3
Low Bid:	\$ 1,895,600.00
High Bid:	\$ 2,089,000.00

\*Heating, Ventilating and Air Conditioning, Plumbing and Fire Protection contracts were in excess of the filed estimate of cost; however, the total price of all contracts is within 10 percent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**UNIVERSITY HOSPITAL RENOVATION, PHASE II (contd)**

**Electrical Contract (contd)**

Estimate of Cost: \$ 1,950,000.00

Awarded to: States Electric Company (Columbus, Ohio)

**Fire Protection Contract**

Date Received: August 16, 1979

No. of Bids: 2

Low Bid: \$ 306,070.00\*

High Bid: \$ 344,200.00

Estimate of Cost: \$ 250,000.00

Awarded to: Capital Fire Protection Co. (Columbus, Ohio)

Total All Contracts: \$ 9,949,370.00

Total Contingency Allowance: \$ 406,788.32 which is 4 percent of construction contracts

Total Project Cost: \$11,477,854.00

Funding: H.B. 618, Item 315-118 (University Hospital Renovation)  
(1977-79 Biennium)

\*Heating, Ventilating and Air Conditioning, Plumbing and Fire Protection contracts were in excess of the filed estimate of cost; however, the total price of all contracts is within 10 percent of the total estimate of cost and the contracts, therefore, are being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

**ORTON HALL RENOVATION**

Description: This building was constructed in 1893. The major renovation work for this project includes correction of deteriorated ground floor slab, improve building electrical and plumbing services, remedy certain conditions to comply with current building codes, provide safety systems, exterior repairs, provide air conditioning for a portion of the building, and make the building accessible for the physically handicapped.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ORTON HALL RENOVATION (contd)**

**General Contract**

Date Received:	August 8, 1979
No. of Bids:	6
Low Bid:	\$ 613,715.00* **
High Bid:	\$ 683,800.00*
Estimate of Cost:	\$ 672,300.00*
Awarded to:	Payt Construction Co. (Columbus, Ohio)

**Heating, Ventilating and  
Air Conditioning Contract**

Date Received:	August 8, 1979
No. of Bids:	4
Low Bid:	\$ 210,400.00*
High Bid:	\$ 221,700.00*
Estimate of Cost:	\$ 275,050.00*
Awarded to:	Farber Corporation (Columbus, Ohio)

**Plumbing Contract**

Date Received:	June 20, 1979
No. of Bids:	4
Low Bid:	\$ 76,450.00* * * * *
High Bid:	\$ 122,600.00*
Estimate of Cost:	\$ 55,500.00*
Awarded to:	R. E. Meyers (Columbus, Ohio)

\* Recommended alternates reflected in these figures.

\*\* Includes negotiated items.

\*\*\* Plumbing Contract was in excess of the estimate of cost; however, the total price of all contracts is within 10 percent of the total estimate of cost and the contract, therefore, is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ORTON HALL RENOVATION (contd)**

**Electrical Contract**

Date Received:	June 20, 1979
No. of Bids:	5
Low Bid:	\$ 177,837.00* **
High Bid:	\$ 274,916.00*
Estimate of Cost:	\$ 197,000.00*
Awarded to:	Meisner Electric Co. (Columbus, Ohio)
Total All Contracts:	\$1,078,402.00
Total Contingency Allowance:	\$ 8,203.64 which is 1 percent of construction contracts
Total Project Cost:	\$1,198,500.00

Funding: H.B. 618, Utilities and Renovation 1977-79 Biennium (\$1,170,000) and Ohio Board of Regents Safety Funds, Budget Account 885066 (\$28,500)

\* Recommended alternates reflected in these figures.

\*\* Includes negotiated items.

**UNIVERSITY AIRPORT APRON AND RUNWAY IMPROVEMENTS**

Description: Pavement resurfacing and improvements for a portion of the runways and aprons at the University Airport.

**General Contract**

Date Received:	August 3, 1979
No. of Bids:	5
Low Bid:	\$431,810.50*
High Bid:	\$608,809.85
Estimate of Cost:	\$460,136.00
Awarded to:	Ritz Paving, Inc. (Columbus, Ohio)

\*Base bid only.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**UNIVERSITY AIRPORT APRON AND RUNWAY IMPROVEMENTS (contd)**

Total Contract:	\$617,676.05*
Total Contingency Allowance:	\$ 18,335.95 which is 3 percent of construction contract
Total Project Cost:	\$737,012.00
Funding:	Federal Aviation Administration Grant (\$724,000) and Local, College of Engineering funds (\$13,012)

\* Includes alternates accepted less negotiated items.

**BIOLOGICAL SCIENCES BUILDING - ENERGY MODIFICATION PROJECTS**

Description: This project is funded under the Ohio Board of Regents Energy Management Program and will implement recommended energy-reducing modifications to the building heating and air conditioning system based on a detailed energy analysis accomplished by The Ohio State University Energy Conservation Division and approved by The Ohio State University Energy Coordinating Committee. The work accomplished will provide for a 48 percent energy reduction and achieve a payback period of two and one-half years.

**Mechanical Contract**

Date Received:	July 26, 1979
No. of Bids:	5
Low Bid:	\$283,500.00*
High Bid:	\$334,200.00*
Estimate of Cost:	\$340,000.00*
Awarded to:	Limbach Company (Columbus, Ohio)

**Electrical Contract**

Date Received:	July 26, 1979
No. of Bids:	3
Low Bid:	\$ 33,396.00*
High Bid:	\$ 40,930.00*
Estimate of Cost:	\$ 45,000.00*
Awarded to:	Eastmoor Electric Co., Inc. (Columbus, Ohio)

\* Recommended alternates reflected in these figures.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**BIOLOGICAL SCIENCES BUILDING - ENERGY MODIFICATION PROJECTS (contd)**

Total All Contracts:	\$316,896.00
Total Contingency Allowance:	\$ 30,999.28 which is 10 percent of construction contracts
Total Project Cost:	\$381,172.00
Funding:	Ohio Board of Regents, Energy Conservation Funds, H.B. 618, Item 235-019

**NORTHWOOD SCHOOL - HANDICAPPED BARRIER REMOVAL  
(UNIVERSITY COMMUNITY SERVICES CENTER)**

Description: Eliminate physical barriers for use of this facility by the physically handicapped which is leased to the Northend Community Center Corporation as a not-for-profit community center.

**General Contract**

Date Received:	August 3, 1979
No. of Bids:	2
Low Bid:	\$139,700.00
High Bid:	\$140,950.00
Estimate of Cost:	\$147,350.00
Awarded to:	Lincoln Construction (Columbus, Ohio)

**Plumbing Contract**

Date Received:	August 3, 1979
No. of Bids:	3
Low Bid:	\$ 16,400.00*
High Bid:	\$ 24,400.00
Estimate of Cost:	\$ 14,200.00
Awarded to:	C. P. P., Inc. (Columbus, Ohio)

\*Plumbing and Electrical bids were in excess of the filed estimate of cost. However, the total price of all contracts is within 10 percent of the total estimate of cost, and the contract, therefore, is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.



September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**NORTHWOOD SCHOOL - HANDICAPPED BARRIER REMOVAL  
(UNIVERSITY COMMUNITY SERVICES CENTER) (contd)**

**Heating and Ventilating Contract**

Date Received:	August 3, 1979
No. of Bids:	2
Low Bid:	\$ 32,270.00
High Bid:	\$ 34,700.00
Estimate of Cost:	\$ 38,100.00
Awarded to:	R. H. Reeb Plumbing & Piping Co. (Columbus, Ohio)

**Electrical Contract**

Date Received:	May 30, 1979
No. of Bids:	5
Low Bid:	\$ 17,770.00* ** **
High Bid:	\$ 31,150.00**
Estimate of Cost:	\$ 17,564.00**
Awarded to:	Frush & Homan, Inc. (Columbus, Ohio)

**Total All Contracts:** \$205,912.00

**Total Contingency Allowance:** \$ 20,753.20 which is 10 percent of construction contracts

**Total Project Cost:** \$255,000.00

**Funding:** H.B. 618, Item 315-130 (University Community Services Center--\$100,000) and (City of Columbus, Department of Development--\$155,000)

\*Plumbing and Electrical bids were in excess of the filed estimate of cost. However, the total price of all contracts is within 10 percent of the total estimate of cost, and the contract, therefore, is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

\*\*Recommended alternates reflected in these figures.

\*\*\*Includes deduction of \$228.00 in negotiated items which reduced the total contract amount awarded to Frush & Homan, Inc. to \$17,542.00.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ENERGY MODIFICATIONS TO BUILDINGS (PROJECT III)**

Description: This project is the final project under the 1977-1979 Building Modification Program. It is a continuation of The Ohio State University's Energy Conservation Program to provide energy-reducing modifications in Botany and Zoology Building, Hughes Hall, and Sullivant Hall. Alternate bids will be requested for Founders Hall on the Newark Campus, Hopkins Hall, and Upham Hall. The modifications to be accomplished are based on detailed energy analysis and reports as approved by the Energy Conservation Coordinating Committee.

Heating, Ventilating and  
Air Conditioning Contract

Date Received:	August 1, 1979
No. of Bids:	3
Low Bid:	\$186,920.00*
High Bid:	\$189,250.00*
Estimate of Cost:	\$199,100.00
Awarded to:	J. A. Guy, Inc. (Dublin, Ohio)
Total Contract:	\$186,920.00
Total Contingency Allowance:	\$ 7,129.09 which is 4 percent of construction contract
Total Project Cost:	\$215,609.44
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

\* Included acceptance of 69 mixing box units in the Botany and Zoology Building.

**UTILITY TUNNEL REPAIRS (PHASE II)**

Description: Repair of structural defects in utility distribution tunnels due to deterioration.

General Contract

Date Received:	July 25, 1979
No. of Bids:	3
Low Bid:	\$154,340.00*
High Bid:	\$252,525.00*
Estimate of Cost:	\$231,000.00*
Awarded to:	Waller and Lund, Inc. (Columbus, Ohio)

\* Recommended alternates reflected in these figures.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**UTILITY TUNNEL REPAIRS (PHASE II) (contd)**

Total Contract:	\$154,340.00
Total Contingency Allowance:	\$ 8,000.00 which is 5 percent of construction contract
Additional Program Work:	\$ 30,158.10*
Total Project Cost:	\$195,905.65
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

\*For installation of pipe support standards and repair of additional masonry area.

**PARKING LOT REPAIRS--MAIN CAMPUS, VARIOUS LOCATIONS**

Description: Parking Lot Repairs--Goss Laboratory-West Lot and Drive, East Baker, Electro-Science, Food Facility, Law Building, and University College-East Lot.

**General Contract**

Date Received:	July 10, 1979
No. of Bids:	4
Low Bid:	\$114,280.00
High Bid:	\$155,520.00
Estimate of Cost:	\$171,000.00
Awarded to:	Baker Construction (Columbus, Ohio)
Total Contract:	\$114,280.00
Total Contingency Allowance:	\$ 24,612.90 which is 21 percent of construction contract
Total Project Cost:	\$155,000.00
Funding:	Budget Account 885071 (Parking Revenues)

**NATURAL GAS LINE PROTECTION (PHASE I)**

Description: Provide cathodic protection on 11,000 feet of gas distribution lines which will reduce corrosion of pipes.

September 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**NATURAL GAS LINE PROTECTION (PHASE I) (contd)**

**Mechanical Contract**

Date Received:	July 24, 1979
No. of Bids:	3
Low Bid:	\$118,700.00*
High Bid:	\$148,500.00*
Estimate of Cost:	\$150,000.00*
Awarded to:	The Walker T. Dickerson Co. (Columbus, Ohio)
Total Contract:	\$118,700.00
Total Contingency Allowance:	\$ 8,459.00 which is 7 percent of construction contract
Total Project Cost:	\$130,000.00
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

\*Recommended alternates reflected in these figures.

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LEASE - MCDONALD'S IN OHIO UNION**

Resolution No. 80-23

*Synopsis: Renewal of McDonald's Lease in the Ohio Union is being proposed.*

WHEREAS the Board of Trustees entered into a one (1) year lease with four (4) one-year renewals on September 14, 1974, with McDonald's University Services, Inc., One McDonald's Plaza, Oak Brook, Illinois, for the purpose of providing food services in the Ohio Union; and

September 7, 1979 meeting, Board of Trustees

#### LEASE - MCDONALD'S IN OHIO UNION (contd)

WHEREAS the appropriate University offices and McDonald's have determined that it is in the best interests of both parties to renew said lease for an additional term ending June 30, 1984; and

WHEREAS the University and McDonald's have determined that the rent for said renewal shall be based on a percentage of gross sales; and

WHEREAS all other terms and conditions of the original lease shall remain in full force and effect:

#### NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to execute an addendum to the original lease dated September 14, 1974, with McDonald's University Services, Inc., to renew said term for an additional term ending June 30, 1984, with the rent for said term being based on the following percentage of gross sales: 8 percent for the period ending August 15, 1982; 8.5 percent for the period ending August 15, 1983; and 9 percent for the period ending June 30, 1984.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### APPOINTMENT OF INVESTMENT COUNSELORS

Resolution No. 80-24

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of National Investors Service of America, Inc. to counsel in the investment of between \$8,000,000 and \$12,000,000 of the Endowment;

Increase the amount of the Endowment managed by Tallasi Management Company from \$3,000,000 to \$5,000,000;

Increase the amount of the Endowment managed by Siebel Capital Management, Inc. from \$2,000,000 to \$3,500,000.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

September 7, 1979 meeting, Board of Trustees

**FEDERAL AVIATION ADMINISTRATION GRANT NO. DOT-FA79-GL-8017  
UNIVERSITY AIRPORT APRON AND RUNWAY IMPROVEMENTS**

Resolution No. 80-25

*Synopsis: The Federal Aviation Administration has awarded a grant to the University for University Airport (Don Scott Field) Apron and Runway Improvements.*

WHEREAS The Ohio State University has applied for federal funding to the United States Federal Aviation Administration (FAA) to provide for airport improvements including construction and overlay of terminal apron, extension of terminal apron, widening of taxiway "A" between taxiway "C" and "B" and resurface of runway 5-23; and

WHEREAS the University has received from FAA Grant Agreement No. DOT-FA79-GL-8017, Project 5-39-0027-02 in the amount of \$724,000 for the development of airport improvements as specified in Grant Agreement dated August 27, 1979; attached hereto and made a part hereof by reference:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and directed to accept and execute on behalf of the Board of Trustees of The Ohio State University said FAA Grant Agreement for airport improvements.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
GRANT AGREEMENT**

Part 1-Offer

Date of Offer August 27, 1979

Ohio State University Airport

Project No. 5-39-0027-02

Contract No. DOT-FA79-GL-8017

**TO:** Board of Trustees of the Ohio State University, Columbus, Ohio (herein referred to as the "Sponsor")

**FROM:** The United States of America (acting through the Federal Aviation Administration, herein referred to as the "FAA")

WHEREAS, the Sponsor has submitted to the FAA a Project Application (herein called an Application for Federal Assistance) dated August 14, 1979, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the "Airport"), together with plans and specifications for such project, which Application for Federal Assistance, as approved by the FAA is hereby incorporated herein and made a part hereof; and

WHEREAS, the FAA has approved a project for development of the Airport (herein called the "Project") consisting of the following-described airport development:

Land Reimbursement (approx. 58.27 ac.); Reconstruct and Overlay Terminal Apron (approx. 20,000 sy); Extend Terminal Apron (approx. 27,000 sy); Widen T/W "A" to 50' (approx. 2,150 sy) between T/W "C" and R/W 5; Overlay R/W 5-23 (approx. 1500' x 100').

all as more particularly described in the property map and plans and specifications incorporated in the said Application for Federal Assistance.

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Application for Federal Assistance, and its acceptance of this

Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 80 Percentum of all eligible costs.

This Offer is made on and subject to the following terms and conditions:

1. The maximum obligation of the United States payable under this Offer shall be \$724,000.00
2. The Sponsor shall:
  - a. begin accomplishment of the Project within Sixty days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
  - b. carry out and complete the Project without undue delay and in accordance with the terms hereof, the Airport and Airway Development Act of 1970, as amended, and the Regulations of the FAA (14 CFR Part 152) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";
  - c. carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA;
  - d. submit all financial reports on an accrual basis and if records are not maintained on an accrual basis, reports may be based on analysis or records or best estimates as required by the Regulations;
  - e. monitor performance under the Project to assure that time schedules are being met, projected work units by time periods are being accomplished, and that other performance goals are being achieved as established by the Regulations.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of the Regulations.



Final determination of the United States share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs. The grant closeout requirements will be in accordance with the Regulations.

5. The Sponsor shall operate and maintain the Airport as provided in the Application for Federal Assistance incorporated herein and specifically covenants and agrees in accordance with its Assurance 20 in Part V of said Application for Federal Assistance, and Section 30 of the Airport and Airway Development Act, as amended, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person by reason of race, color, creed, national origin or sex in the use of the facilities provided for the public on the airport.
6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
7. The Sponsor agrees to effectuate the purposes of Section 30 of the Airport and Airway Development Act of 1970, as amended, by assuring that minority business enterprises shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal funds provided under this agreement. For the purposes of this provision, "minority business enterprise" means a business enterprise that is owned or controlled by one or more socially or economically disadvantaged persons. Such disadvantage may arise from cultural, racial, religious, sex, national origin, chronic economic circumstances or background or other similar cause. Such persons may include, but are not limited to, blacks, not of Hispanic origin; persons of Hispanic origin; Asians or Pacific Islanders; American Indians; and Alaskan natives. Grantee further agrees to comply with such Regulations as may be issued by the Federal Aviation Administration to implement Section 30 of the Act.
8. This offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before September 30, 1979 or such subsequent date as may be prescribed in writing by the FAA.
9. The Sponsor hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan insurance, or guarantee, or undertaken pursuant to

any Federal program involving such grant, contract, loan insurance, or guarantee, the following Equal Opportunity clause.

During the performance of this contract, the contractor agrees as follows:

- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices (to be provided) setting forth the provisions of this nondiscrimination clause.
- b. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- c. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice (to be provided) advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- e. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

- f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part, and the contractor may be declared ineligible for further Government contracts or Federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- g. The contractor will include the portion of the sentence immediately preceding paragraph a. and the provisions of paragraphs a. through g. in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The Sponsor further agrees that it will be bound by the above Equal Opportunity clause with respect to its own employment practices when it participates in Federally assisted construction work: Provided, that if the applicant so participating is a State or local Government, the above Equal Opportunity clause is not applicable to any agency, instrumentality, or subdivision of such Government which does not participate in work on or under the contract.

The Sponsor agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the Equal Opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The Sponsor further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and Federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the Equal Opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part III, Subpart D, of the Executive Order. In addition, the Sponsor agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: cancel, terminate, or suspend in whole or in part this grant (contract, loan insurance, or guarantee); refrain from extending any further assistance to the Sponsor under the program with respect to which the failure or refund occurred, until satisfactory assurance of future compliance has been received from the Sponsor; or refer the case to the Department of Justice for appropriate legal proceedings.

10. The Sponsor hereby covenants and agrees that financial records of this project shall be established, maintained, and made available to appropriate personnel in conformity with Section 152.63 of the Regulations of the Federal Aviation Administration (14 CFR 152).
11. The Sponsor hereby covenants that it will not permit any permanent-type structures, other than structures required for aids to air navigation and such other structures as may be specifically excepted in writing by the FAA, to be erected on, and that it will cause any existing structures to be removed from, each area identified on the "Exhibit A" as "clear zone" or any portions thereof, concerning which the Sponsor has acquired a fee interest with Federal financial assistance, irrespective of whether such structures constitute an obstruction to air navigation.
12. It is understood and agreed that any and all reference to the term "Office of Management and Budget Circular No. A-102," as the same may appear in this agreement and any document incorporated and made a part thereof, shall be deemed to read and mean "General Services Administration Federal Management Circular FMC 74-7." It is also understood and agreed that wherever the term "Project Application" appears in the agreement or in any other documents constituting a part of this agreement, it shall be deemed to mean "Application for Federal Assistance, FAA Form 5100-100."
13. It is understood and agreed by and between the parties hereto that, should evidence be discovered during construction, that objects of archeologic or historic interest may be unearthed, then construction will be halted for a reasonable time to enable the responsible State official to assess the matter.

14. This project and all work performed thereunder is subject to the Clean Air Act and the Federal Water Pollution Control Act. Accordingly:
  - a. The Sponsor hereby stipulates that any facility to be utilized in performance under the grant or to benefit from the grant is not listed on the Environmental Protection Agency (EPA) List of Violating Facilities.
  - b. The Sponsor agrees to comply with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations issued thereunder.
  - c. The Sponsor shall notify the FAA of the receipt of any communication from the EPA indicating that a facility to be utilized for performance of or benefit from the grant is under consideration to be listed on the EPA List of Violating Facilities.
  - d. The Sponsor agrees that it will include or cause to be included in any contract or subcontract under the grant which exceeds \$100,000, the criteria and requirements in these subparagraphs (a) through (d).
15. Assurance Number 18 of Part V of the Project Application incorporated herein is amended by including at the end of the second sentence the following language:

“ . . . including the requirement that (A) each air carrier, authorized to engage directly in air transportation pursuant to Section 401 or 402 of the Federal Aviation Act of 1958, using such airport shall be subject to nondiscriminatory and substantially comparable rates, fees, rentals, and other charges and nondiscriminatory conditions as are applicable to all such air carriers which make similar use of such airport and which utilize similar facilities, subject to reasonable classifications such as tenants or nontenants, and combined passenger and cargo flights or all cargo flights, and such classification or status as tenant shall not be unreasonably withheld by any Sponsor provided an air carrier assumes obligations substantially similar to those already imposed on tenant air carriers, and (B) each fixed base operator using a general aviation airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed base operators making the same or similar uses of such airport utilizing the same or similar facilities; provision (A) above shall not require the reformation of any lease or other contract entered into by a Sponsor before July 12, 1976. A Sponsor shall not require the reformation of any lease or other contract entered into by a Sponsor before July 1, 1975.”

16. It is understood and agreed that no part of the Federal share of an airport development project for which a grant is made under the Airport and Airway Development Act of 1970, as amended (49 U.S.C. 1701 et seq.), or under the Federal Airport Act, as amended (49 U.S.C. 1101 et seq.), shall be included in the rate base in establishing fees, rates, and charges for users of the airport.
17. It is understood and agreed by and between the parties hereto that, with regard to Number 31 of the Sponsor Assurances of FAA Form 5100-100, wherein reference is made to "Part II, paragraph 7(a), 7(b), and 7(c)," such reference shall be deemed to refer instead to "Part II, Section C, paragraphs 4(a), 4(b), and 4(c)."
18. The Sponsor will send a copy of all Invitations for Bids, advertised or negotiated, for concessions or other businesses at the airport to the appropriate Office of Minority Business Enterprise (OMBE) representative as identified by the FAA Regional Civil Rights Office. The Sponsor will disclose and make information about the contracts, contracting procedures and requirements available to the designated OMBE representative and minority firms on the same basis that such information is disclosed and made available to other organizations or firms. Responses by minority firms to Invitations for Bids shall be treated in the same manner as all other responses to the Invitations for Bids. Compliance with the preceding will be deemed to constitute compliance by the Sponsor with requirements of 49 CFR 21 Appendix C(a) (1) (x), Regulations of the Office of the Secretary of Transportation.
19. The Sponsor hereby agrees and covenants that any and all flood insurance coverage required by the Flood Disaster Protection Act of 1973 (P. L. 93-234), with respect to the buildings and/or personal property to be constructed and/or acquired under this project will be purchased prior to the acquisition or construction of any insurable interest and shall be maintained during the useful life of such buildings or personal property.
20. It is understood and agreed by and between the parties hereto that, the third sentence of Assurance No. 17, Part V of the project application, FAA Form 5100-100, Page 7 (4-76), is amended to read "However, these limitations on the duration of the covenants do not apply to the covenant against exclusive rights and real property acquired with Federal Funds."
21. The Federal Government does not now plan or contemplate the construction of any structure pursuant to Assurance No. 27 of Part V - Sponsor's Assurances of the Project Application, dated August 14, 1979, and, therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any areas or rights without cost to the Federal Government under this Grant Agreement.

22. It is understood and agreed by and between the parties hereto that the FAA will not make payments for eligible project costs which exceed 90% of the maximum Grant Obligation or 90% of the latest estimated project costs, whichever is the lesser, until the Sponsor has submitted certification by the Engineer and Contractor, that each construction or specification item included in a payment application which would exceed the aforementioned controlling 90% limitation has been fully completed in accordance with the approved plans and specifications and represents final accepted quantities as determined by the specified method of measurement.

It is further understood and agreed that the FAA shall withhold the final 3% of the eligible project costs until the required "as-built" plans have been received and approved by the FAA, and that the FAA shall withhold the final 1% of the eligible project costs until the final project audit has been completed.

23. It is understood and agreed by and between the parties hereto that with respect to Paragraph 1, Part II - Section C of the Project Application dated and made a part hereof, that the Sponsor will take such action as is necessary, including enactment or appropriate zoning, to assure compatible usage of land adjacent to or in the vicinity of the airport.
24. It is understood and agreed by the parties hereto that the FAA shall not make nor be obligated to make any payments hereunder until the Sponsor has submitted evidence satisfactory to the FAA that they are in compliance with the terms and conditions of Amendment No. 1 to Grant Agreement for ADAP Project No. 8-39-0027-01.
25. It is understood and agreed that the United States will not be obligated to pay for the land interests to Parcels 1 thru 4, respectively, as shown on Exhibit "A", unless and until the Sponsor has submitted evidence of property interests satisfactory to the Federal Aviation Administration free and clear of all encumbrances deemed objectionable by the Federal Aviation Administration.

It is further understood and agreed by and between the parties hereto that the FAA shall not make nor be obligated to make payment for land interests to Parcels 1 thru 3, respectively, that are within defined clear zone limits for Runway 14 and Runway 9R, as cross-hatched in red pencil on attached Exhibit "A", until all permanent-type structures, other than structures required for aids to air navigation, located within said clear zone limits of each respective parcel have been removed.

The Sponsor's acceptance of this Offer and ratification and adoption of the Application for Federal Assistance incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Airport and Airway Development Act of 1970, as amended, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of said acceptance.

UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION

By (signed) Gerald L. Trout  
(Title)  
GERALD L. TROUT, Manager, DET ADO

Part II - Acceptance

The \_\_\_\_\_ does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Application for Federal Assistance and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all the terms and conditions thereof.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

Board of Trustees of The Ohio State University  
(Name of Sponsor)

By \_\_\_\_\_

(SEAL)

Title: \_\_\_\_\_

Attest: \_\_\_\_\_

Title: \_\_\_\_\_



CERTIFICATE OF SPONSOR'S ATTORNEY

I, \_\_\_\_\_, acting as Attorney for Board of Trustees of The Ohio State University, (herein referred to as the "Sponsor") do hereby certify:

That I have examined the foregoing Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the Acceptance thereof by said Sponsor has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Ohio and the Regulations and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at Columbus, Ohio, this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

\_\_\_\_\_  
Title\_\_\_\_\_

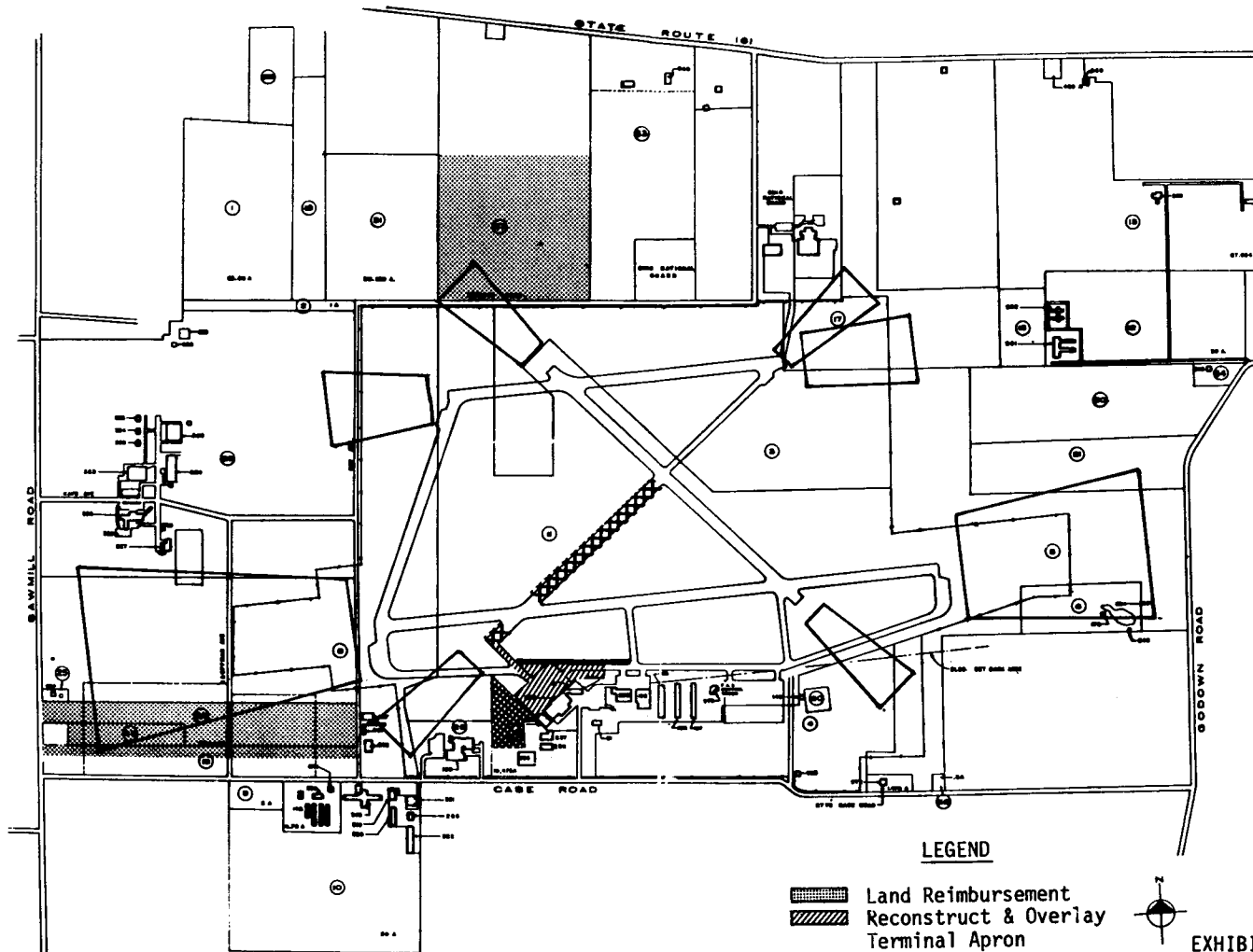


EXHIBIT "A"

ADAP #5-39-0027-02  
DON SCOTT FIELD  
AUGUST 1979

## **PRESIDENT'S STATEMENT - HEALTH SCIENCES**

I would like today to bring the Board of Trustees up to date on recent events in the health sciences area of the University and on our current planning efforts.

As you know, we have reactivated a search to fill the position of Vice President for Health Sciences of the University. In accord with requirements for affirmative action, we have advertised nationally for this position and are presently receiving nominations and applications from several geographic areas.

We have been promised help from the President of the Association of Academic Health Centers and have enlisted the aid of other leading health science educators across the country. It will not be easy to fill this important job; persons with those special qualifications required to administer a health sciences center are in extremely short supply and are employed at very substantial salaries. In this process we cannot rely on self-initiated applications alone but instead need an active search to find appropriate prospects and convince them to become candidates.

For the initial screening of candidates, I will look to Provost Reynolds to chair a committee composed of the health sciences deans and to advise me about suitable prospects. As candidates are brought to the campus for interviews, I am committed to the broadest possible consultation—all areas of the health sciences have a deep interest in this appointment.

It is obvious that the recruitment of a Vice President for Health Sciences is crucial to the comprehensive planning and management of the health sciences. However, despite the lack of a Vice President for Health Sciences, we must move ahead in our planning and consider a variety of ways in which we can improve the teaching, research, and public service programs in the health sciences, particularly in the University Hospitals.

The governance of University Hospitals is now an important item on the agenda of major universities with teaching hospitals. The character of the teaching hospital has undergone profound changes in the last few decades. Boards of trustees and university administrators everywhere are now struggling to develop organizational arrangements which are responsive to the radically different and shifting circumstances in which these teaching hospitals operate. Nationwide, there is a growing realization that clinging to outmoded forms of organization invites serious problems.

To oversimplify the background of this issue, teaching hospitals once dealt primarily with either indigent patients or with those patients "of interest" to the teaching and research process. The teaching hospital only indirectly and in a sense adventitiously served the community in which it was located. Today the typical university teaching hospital is engaged in a full range of patient services and has become more and more a community resource. Its scope of responsibility in daily activity now goes far beyond the needs of the College of Medicine in meeting its teaching and research obligations. There is a growing realization that the teaching

**PRESIDENT'S STATEMENT - HEALTH SCIENCES (contd)**

hospital must be the working laboratory for the other health sciences professions as well--nursing, pharmacy, dentistry, allied health, etc.

As a result of this changing role, universities have encountered sufficient fiscal and management problems to conclude that teaching hospitals require more attention than they have been receiving within the total set of university operations. Such hospitals have been plagued with staffing shortages in specialized personnel, compliance with complicated federal regulation and review processes, dependence on several outside sources of income, and an escalation of the conflicts which can occur between their teaching, research, and public service activities.

At OSU, it is clear that the University Hospitals operation has crossed a threshold of complexity that mandates special arrangements. Staffing shortages, particularly in nursing areas, must be remedied if the hospital's full complement of beds is to be available for patient care and educational activities. Careful analysis of personnel policies must be made to determine the extent to which university policies require modification when applied to hospitals. The role of University Hospitals in support of the educational programs in health sciences must be reassessed. The aspirations of the general public for OSU University Hospitals must be explored fully so that future directions can be established. The impact of federal government regulations, practices of third party payers, and trends in health care delivery must be assessed because these factors affect the Hospital's future environment.

In summary, the changing role of our teaching hospital dictates that we take a fresh look at the overall governance of University Hospitals. We have now begun such an appraisal. Both Dr. Vandament and Dr. Cramblett have in recent months assembled information on governance arrangements in teaching hospitals around the nation. That information must now be reviewed and set forward for consideration.

I want to say with all possible emphasis that we understand clearly that we deal with difficult and sensitive matters. The easiest course for the administration and the Board of Trustees is to do nothing, hoping that the familiar arrangements will serve us well. However, in my judgment, some changes are clearly necessary. As of today, I have no firm recommendations but am taking the following steps.

I am asking that the Provost organize immediately a Council of Health Sciences Deans which will, among other activities, review the role of the University Hospitals in the health sciences teaching programs and make appropriate recommendations in the near future.

I am also requesting that the Board establish as soon as possible an Ad Hoc Committee on Health Affairs to consider the preceding issues as we move ahead with our recruiting efforts for the Health Sciences Vice Presidency. We in the University administration will band every effort to provide the Committee with a comprehensive background and context on these matters.

September 7, 1979 meeting, Board of Trustees

### COMMITTEE ON HEALTH SCIENCES

Resolution No. 80-26

WHEREAS at the July 12, 1974 meeting of the Board a reorganization of the Health Sciences was approved and the appointment of a Vice President for Health Sciences was authorized; and

WHEREAS the President has recommended that the Board appoint an Ad Hoc Committee on Health Affairs to review the overall governance of University Hospitals as well as the role of the Hospital in the Health Sciences teaching programs:

NOW THEREFORE

BE IT RESOLVED, That the Chairman appoint a Committee to form an Ad Hoc Committee on the Health Sciences affairs.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

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### PRESIDENT'S SALARY

Resolution No. 80-27

*Synopsis: Proposed salary increase for President Enarson.*

WHEREAS President Enarson has not received an increase in his base salary since September, 1975; and

WHEREAS it is the wish and expressed intent of this Board to adjust President Enarson's base salary of \$55,000 per annum when permitted by law; and

WHEREAS it is the further wish of this Board to minimize as much as possible the erosion of the compensation of the President of this University--a process which has resulted in the current base salary being far below that paid to the chief executive officers of peer institutions; and

WHEREAS it has been recommended by the Personnel Committee of this Board that President Enarson's salary be adjusted upward:

September 7, 1979 meeting, Board of Trustees

**PRESIDENT'S SALARY (contd)**

NOW THEREFORE

BE IT RESOLVED, That effective September 1, 1979, the annual salary (1979-1980) for Harold L. Enarson, President of The Ohio State University, currently \$55,000, is adjusted to \$63,306, and the Secretary of the Board of Trustees is hereby directed to implement this salary change for the President and to issue the appropriate Board of Trustees confirmation notice.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous roll call vote.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 80-28

RESOLVED, That the reports on the University's Investment Portfolio, dated July 17 and August 20, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, October 5, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 5, 1979

The Board of Trustees met at its regular monthly meeting on Friday, October 5, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, John D. Jacob, D. James Hilliker and John F. Havens.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

October 5, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:15 p.m. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related issues.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, John D. Jacob and D. James Hilliker.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 80-29

*Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Gladys Branegan Chalkley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 5, 1979, of Gladys Branegan Chalkley, Director Emeritus of the School of Home Economics.

Dr. Branegan was born on June 23, 1891. She received the B.S. degree in 1913 from the University of Wisconsin, the M.A. degree in 1920 and the Ph.D. in 1928 from Columbia University. She taught grade school in Nebraska, high school in Madison, Wisconsin and served as a home management specialist and state supervisor in the Extension Service at Montana State College. Dr. Branegan was Dean of Home Economics at Montana State College from 1921-45. In 1937-38 she spent one year in a Round the World Tour studying educational developments and opportunities for women in many countries visited and also attended a summer term at Oxford University, England. While on leave from Montana State College in 1944-45, she reorganized the Home Economics Department at Hunter College, New York.

She came to Ohio in 1945 as Director of the School of Home Economics and Chairman of the Department of Home Economics, the Ohio Agricultural Experiment Station. Under her leadership, the Home Economics Alumni Association was organized in 1946 and through this organization stimulated interest in recruitment at both the undergraduate and graduate levels. A high-quality student body and breadth of educational opportunity for the individual student were goals which guided a wide variety of effort and development under her

October 5, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Gladys Branegan Chalkley (contd)

administration. Dr. Branegan's leadership set new goals for the faculty and gave many individuals a new vision of expanding horizons. The Gladys Branegan Fellowship was established by the faculty in the Spring of 1955 and was the first graduate scholarship to promote graduate education in home economics.

Dr. Branegan was a member of a number of professional and social societies including A.A.A.S., A.H.E.A., N.E.A., A.A.U.W., D.A.R., P.E.O., Omicron Nu, Phi Upsilon Omicron, and Mortar Board. She was national president of the American Home Economics Association in 1940-42 and served on a number of important committees of that association.

Gladys Branegan resigned to marry Charles A. Chalkley and to reside in California, June 1955, after serving ten years as Director of the School of Home Economics.

Dr. Chalkley returned to Ohio in 1971 to speak at the 75th Anniversary Recognition Symposium of the School of Home Economics and was presented a Special Diamond Anniversary Award for her contributions to the School.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Michael Peppe

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 2, 1979, of Mike Peppe, Professor Emeritus in the School of Health, Physical Education and Recreation.

Mr. Peppe devoted his adult life to The Ohio State University. A 1927 graduate of The Ohio State University, he received his master's from Columbia in 1928 and joined the physical education staff of Ohio State in the fall of that year.

Mr. Peppe was the father of intercollegiate swimming at Ohio State. He started the sport in 1931 and served as head coach of the varsity swimming and diving teams for thirty-three years, retiring in 1963 after one of the most brilliant careers any coach in any sport has ever enjoyed.

During his remarkable tenure at OSU, Mike directed his teams to 33 major team titles: 12 Big Ten crowns, 11 NCAA championships and 10 A.A.U. titles. No other collegiate coach has ever matched that record, and no other university has yet matched Ohio State's incredible number of NCAA titles.

Mr. Peppe's dual meet record was equally impressive, a sparkling 179 victories against just 39 setbacks for a winning percentage of 82.1.

October 5, 1979 meeting, Board of Trustees

## **RESOLUTIONS IN MEMORIAM (contd)**

**Michael Peppe (contd)**

Under Mike's tutelage, Buckeye swimmers and divers amassed a total of 312 individual championships. Of those 312, 137 were won by OSU divers, who dominated collegiate diving in the United States for nearly two decades.

Mr. Peppe produced numerous Olympians, including five Gold Medal winners. The twenty-five man 1952 Olympic team included nine Ohio Staters.

Mike's many honors include twice serving as diving coach for the U. S. Olympic team and being named diving coach for the first Pan American Games in 1951. He served two terms as president of the American College Swimming Coaches and was Chairman of the NCAA Diving Committee for many years.

Mr. Peppe has traveled the globe with various U. S. teams, holding clinics and serving as an ambassador of good will for the United States. He was a guiding force behind swimming and diving both in this country and around the world. Upon his retirement he was elected to the International Swimming and Diving Hall of Fame and was a charter member in The Ohio State University Sports Hall of Fame.

On behalf of the University community, the Board of Trustees expresses to the family of Mike Peppe its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

**Burrell B. Spohn**

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 30, 1979, of Burrell B. Spohn, Professor Emeritus.

Mr. Spohn was born May 16, 1882, at Junction City, Ohio. He lived on the home farm and attended preparatory school for Ohio University. He received the Bachelor of Science in Education Degree from Ohio University in 1913 followed by graduate work at Cornell and Ohio State Universities.

Mr. Spohn spent the early years of his career in the public schools, as teacher and superintendent. He joined The Ohio State University faculty on September 1, 1917, as 4-H Club Leader. From 1923 until 1935 he served as district supervisor of county agents, and on October 1, 1935, was named supervisor of projects and programs.

He retired December 31, 1949, after a distinguished career. His contributions to Extension and The Ohio State University will be long remembered.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Spohn its deepest sympathy. It was directed that this resolution be inscribed in the

October 5, 1979 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Burrell B. Spohn (contd)

minutes of the Board of Trustees and that a copy be tendered to his daughter-in-law, Helen Spohn, as evidence of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

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### APPOINTMENT OF TRUSTEES ON THE POOLED INCOME TRUST FUNDS I, II AND III

Resolution No. 80-30

*Synopsis: Trustees on the Pooled Income Trust Funds I, II and III are presented for approval.*

WHEREAS the Board of Trustees by action of December 4, 1970, established a pooled income fund as a convenient means for University benefactors to contribute financial support to the University and at the same time retain income during their lifetime; and

WHEREAS the Board on September 10, 1976 nominated and appointed four individuals to serve as trustees on Pooled Income Trust Funds I and II; and

WHEREAS the replacement of one trustee was made on October 6, 1978:

NOW THEREFORE

BE IT RESOLVED, That the following current members be reconfirmed as trustees on the Pooled Income Trust Funds I, II and III:

James R. McCoy  
Charles R. Traphagan  
James W. Kristoff

and that John H. Lahey replace Joseph S. Platt as the fourth trustee.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### PERSONNEL ACTIONS

Resolution No. 80-31

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.*

October 5, 1979 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the September 7, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

#### Appointments

Name: DAVID W. KRAMER  
Titles: Dean and Director, Mansfield Campus  
Effective: January 1, 1980  
Salary: \$42,000.00 (12 months)  
Present Position: Assistant to Chief Academic Vice President and Director of the Faculty Record Systems, Indiana University, Bloomington, Indiana

Name: HOWARD M. FEDERSPIEL  
Titles: Acting Dean and Director, Newark Campus, and Professor, Department of Political Science  
Effective: September 5, 1979  
Salary: \$30,000.00 (12 months)  
Present Positions: Associate Dean, Newark Campus, and Professor, Department of Political Science

Name: LAWRENCE HERMAN  
Title: Professor (Presidents Club Professorship in Law)  
College: Law  
Effective: October 1, 1979  
Salary: \$44,040.00 (9 months)  
Present Position: Professor, College of Law

Name: ROBERT L. WILLS  
Title: Professor (The C. William O'Neill Professorship in Law and Judicial Administration)  
College: Law  
Effective: October 1, 1979  
Salary: \$42,564.00 (9 months)  
Present Position: Professor, College of Law

Name: JAMES W. SHANK  
Title: Director, Transportation Research Center of Ohio  
Department: Engineering Experiment Station  
Effective: November 1, 1979  
Salary: \$45,960.00 (12 months)  
Present Position: Director, New Model Launch, Department of Engineering, Chrysler Corporation, Highland Park, Michigan

October 5, 1979 meeting, Board of Trustees

### **PERSONNEL ACTIONS (contd)**

#### **Leaves of Absence Without Salary**

CECIL GOUKE, Professor, Department of Black Studies, effective January 1, 1980 through June 30, 1980, and Department of Economics, effective October 1, 1979 through September 30, 1980, to accept a Fulbright grant to lecture at the University of Dar-es-Salaam, Tanzania.

GEORGE E. MASON, Associate Professor, Department of Civil Engineering, effective October 1, 1979 through September 30, 1980, to work as project manager for Guy F. Atkinson Construction Company.

JAMES THOM ANDERSEN, Assistant Professor, Department of Photography and Cinema, effective January 1, 1980 through June 30, 1980, to pursue research under a Guggenheim Fellowship.

OLGA K. GARNICA, Assistant Professor, Department of Linguistics, effective October 18, 1979 through December 31, 1979, for personal reasons.

PATRICIA I. MAHIEU, Assistant Professor, Academic Faculty of Early and Middle Childhood Education (Newark Campus), effective October 1, 1979 through September 30, 1980, to do research.

#### **Emeritus Titles**

RICHARD H. WILSON, Department of Agricultural Education, with the title Professor Emeritus, effective October 1, 1979.

HARRY G. BINAU, JR., Department of Photography and Cinema, with the title Associate Professor Emeritus, effective July 1, 1979.

LIIVU SHIRLEY, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1979.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS**

Resolution No. 80-32

*Synopsis: The reports on contracts, grants and gifts and the summary for August are presented for Board acceptance.*

October 5, 1979 meeting, Board of Trustees

#### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of August 1979, be approved.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### SUMMARY FOR AUGUST 1979

Source	No. of Projects	Support Level
Office of Business and Administration	8	\$ 1,509,572.00
The Ohio State University Research Foundation	105	11,159,919.93
Engineering Experiment Station	2	86,479.00
		\$12,755,970.93

#### June 1979

The Ohio State University Development Fund	11,894 Donors	\$ 1,192,272.00
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#### Establishment of Named Funds

The Kenesaw S. Shumate Memorial Fund (Scholarships to graduate students in water resources area)	\$ 11,000.00
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October 5, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### SUMMARY FOR AUGUST 1979 (contd)

#### Establishment of Named Funds (contd)

The Ohio Association of Garden Clubs Horticulture Scholarship (Scholarships to undergraduate students in floriculture or landscape horticulture)	\$	5,000.00
The William H. Whirl Scholarship Fund (Scholarships - chemical engineering)	\$	5,000.00
The Earl F. Miller II Memorial Fund (Scholarships for undergraduate students or fellowships for graduate students in College of Optometry)	\$	4,475.00

#### Report from Presidents Club

Members to date	3,183
1979: year to date	341
New members - August 1979	29

#### New Presidents Club Members - August 1979

John A. Adams	John C. Neff
Michael H. Anderson	Scott J. Nicholson
Raymond Frankell, Jr.	Jack R. Parrish
Robert E. Fry, Jr.	Richard J. Reis
C. Neilson Griffith	Richard Rosacker
Jack Hill	Roseann M. Stafford
Lloyd A. Horrocks	Theophil T. Sutton
Joseph J. Horst	Robert D. Thomas
Ralph W. Howard	James R. Vanzant
Jack L. Howell	Jerome W. Vogel
Mary Jane Howell (Mrs. Jack)	Harold F. Willis
Stephen N. Kolodzik	Thomas E. Workman
Robert E. Martini	Floyd E. Younkin
Kathryn Mitchell (In Memoriam)	Mary Jane Zuspan (Mrs. Frederick P.)
Gilbert Mitchell (In Memoriam)	

October 5, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**OFFICE OF BUSINESS AND ADMINISTRATION**

**Federal Research Contracts/Grants**

\$724,000.00 - Department of Transportation, Federal Aviation Administration, Washington, D. C., University Airport Apron and Runway Improvements, College of Engineering, Department of Aviation, September 1, 1978 through August 31, 1979. (Contract No. DOT-FA79-GL-8017)

\$100,000.00 - U. S. Agency for International Development, Office of Contract Management, Washington, D. C., Matching Formula Title XII University Strengthening Grant, College of Agriculture and Home Economics, July 23, 1979 through July 22, 1980. (Grant No. AID/DSAN-XII-G-0164)

\$28,910.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program, Student Financial Aids, August 1, 1979 through July 31, 1980. (Grant No. 79LPAX0940)

\$12,250.00 - Small Business Administration, Washington, D. C., Management Counseling and Technical Assistance, College of Administrative Science, October 10, 1978 through October 9, 1979. (Grant No. SBA-2265-MA-79)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$ 865,160.00**

**State of Ohio Research Contracts/Grants**

\$400,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Teacher Education Redesign, College of Education, July 1, 1979 through June 30, 1980.

\$67,176.00 - State of Ohio, Department of Education, Vocational Division, Columbus, Ohio, Vocational Achievement Test Development, Academic Faculty of Vocational-Technical Education, July 1, 1979 through June 30, 1980.

\$20,640.00 - State of Ohio, Rehabilitation Services Commission, Columbus, Ohio, Cooperative Training/Employment Project for the Physically Handicapped, Office of Personnel Services, September 1, 1979 through June 30, 1980.

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 487,816.00**

**Other Non-Federal Research Contract/Grant**

\$156,596.00 - Republic of Korea, Ministry of Education, Seoul, Korea, INTEC Korean Training Program, Academic Faculty of Industrial Technology, September 6, 1979 through December 6, 1979.

October 5, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$1,190,035.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center (D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 763976 - Continuation)

\$492,576.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt), 1 September 1979 through 31 August 1980. (Project 763358 - Continuation)

\$204,788.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalaris), 1 September 1979 through 31 August 1980. (Project 761832 - New)

\$195,159.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 September 1979 through 31 August 1980. (Project 760043 - Continuation)

\$180,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant Programs, Rockville, Maryland, The Ohio Sea Grant Program Proposal, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1979 through 31 August 1980. (Project 761831 - New)

\$146,730.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Language and Area Center for Slavic and East European Studies, Graduate School Administration (J. B. LaPidus) and Department of Slavic Languages and Literatures (L. I. Twarog), 15 August 1979 through 14 August 1980. (Project 761827 - New)

\$143,401.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 August 1979 through 31 July 1980. (Project 760803 - Continuation)

October 5, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$124,989.00** - Department of the Navy, Naval Regional Contracting Office, Long Beach, California, Formulate Quasi-Optical Techniques for Antennas at UHF, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter, R. J. Markefka, and R. C. Rudduck), 1 August 1979 through 31 July 1980. (Project 761784 - New)

**\$116,833.00** - Department of Health, Education, and Welfare, Office of Education, Bureau for Education of the Handicapped, Washington, D. C., Demonstration of Transitional Services for Severely and Profoundly Retarded School Age Children Across a Variety of Ecological Settings, Nisonger Center for Mental Retardation (V. Cotter), 1 September 1979 through 31 August 1980. (Project 761390 - Continuation)

**\$109,194.00** - Department of Health, Education, and Welfare, Office of Education, Bureau for Education of the Handicapped, Washington, D. C., A Model Program for School Aged Mildly Handicapped Children and Their Parents, Academic Faculty for Exceptional Children (T. E. Heron and W. L. Heward), 1 September 1979 through 31 August 1980. (Project 761808 - New)

**\$100,236.00** - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1979 through 31 July 1980. (Project 761799 - Continuation)

**\$95,334.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Intrarenal Pressure and Renal Function, Department of Medicine (L. A. Herbert), 1 July 1979 through 30 June 1980. (Project 761786 - New)

**\$91,896.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1979 through 31 August 1980. (Project 760026 - Continuation)

**\$83,797.00** - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak and D. R. Feller) and Department of Pathology (H. A. I. Newman), 1 September 1979 through 31 August 1980. (Project 762769 - Continuation)

October 5, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$79,096.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, The Role of Oxygen Radicals on Effector/Tumor Cells, Department of Medicine (A. L. Sagone), 1 September 1979 through 31 August 1980. (Project 761287 - Continuation)

\$77,797.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Use of *Myxococcus* PC02 to Control Aquatic Algae, Engineering Experiment Station, Water Resources Center (R. C. Stiefel), 1 September 1979 through 30 September 1982. (Project 761800 - New)

\$73,930.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-induced Carcinogenesis in Human Cells *In Vitro*, College of Pharmacy (D. T. Witiak), 1 September 1979 through 30 June 1980. (Project 761810 - New)

\$73,487.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover, Department of Physiological Chemistry (L. A. Horrocks), 1 August 1979 through 31 July 1980. (Project 760039 - Continuation)

\$73,356.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pain Mechanisms after Spinal Cord Lesions, Department of Anatomy (J. C. Bresnahan), 1 September 1979 through 31 August 1980. (Project 761283 - Continuation)

\$72,513.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity to Tumor - Localized, Chemically-Modified Drugs, Department of Pathology (R. F. Barth), 1 August 1979 through 31 July 1980. (Project 761801 - New)

\$70,025.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Development of Prostaglandin System Antagonist, Department of Physiological Chemistry (H. W. Sprecher), 15 August 1979 through 14 August 1980. (Project 761288 - Continuation)

\$65,052.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology (B. Latane), 1 September 1979 through 31 August 1980. (Project 760485 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$63,425.00 - National Science Foundation, Washington, D. C., A Multistage Molecular Model for Neoplastic Transformation in Rats, Department of Microbiology (P. C. Kimball), 15 August 1979 through 31 August 1980. (Project 761782 - New)

\$63,000.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1979 through 31 July 1980. (Project 761152 - Continuation)

\$60,417.00 - Department of Energy, Chicago Operations and Regional Office, Argonne, Illinois, An FMN Photosystem I Solar Battery, Department of Biochemistry (E. Gross), 1 September 1979 through 31 August 1980. (Project 761812 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Engineering Specialized Research Equipment: High Data Rate Real-Time Processor for Chemical Engineering Research, Department of Chemical Engineering (J. L. Zakin and R. D. Mohler), 15 July 1979 through 31 July 1980. (Project 761781 - New)

\$59,914.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardio-Respiratory-Renal Stress Reactions, Department of Psychiatry (S. A. Corson), 1 July 1979 through 30 June 1980. (Project 761208 - Continuation)

\$58,000.00 - National Science Foundation, Washington, D. C., Doubled-Haploids in *Arabidopsis*, Department of Genetics (R. L. Scholl), 1 September 1979 through 31 August 1981. (Project 761818 - New)

\$56,986.00 - Department of Labor, Washington, D. C., Occupational Noise, Department of Otolaryngology (W. Melnick), 1 September 1979 through 31 August 1980. (Project 761779 - New)

\$56,363.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine (S. P. Balcerzak), 26 June 1979 through 31 July 1980. (Project 760079 - Continuation)

\$55,000.00 - National Science Foundation, Washington, D. C., Developmental Studies in Haploid Embryogenesis, Department of Botany (V. Raghavan), 1 September 1979 through 31 August 1981. (Project 761820 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$51,376.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Surface Differentiation of Developing Hemic Cells, Department of Anatomy (G. A. Ackerman), 1 September 1979 through 31 August 1980. (Project 761280 - Continuation)

\$49,958.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 16 January 1980 through 15 January 1981. (Project 761012 - Continuation)

\$48,723.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Model for Medical Treatments Evaluation, Department of Statistics (E. J. Dudewicz and J. Hsu), 1 September 1979 through 31 August 1980. (Project 761814 - New)

\$48,238.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Laboratory Infrared Studies of Molecules of Atmospheric and Astrophysical Interest, Department of Physics (K. N. Rao), 1 October 1979 through 30 September 1980. (Project 760527 - Continuation)

\$45,600.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1979 through 30 June 1980. (Project 761787 - Continuation)

\$45,494.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha-Adrenergic and Dopaminergic Stereochemical Studies, College of Pharmacy (D. D. Miller), 1 September 1979 through 31 August 1980. (Project 761349 - Continuation)

\$45,199.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Biotransformation of Cannabinoids by Microorganisms, College of Pharmacy (L. W. Robertson), 1 August 1979 through 31 July 1980. (Project 760386 - Continuation)

\$43,400.00 - National Science Foundation, Washington, D. C., Principles of Metal Erosion Resistance, Department of Metallurgical Engineering (P. G. Shewmon), 1 September 1979 through 31 August 1980. (Project 761241 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$42,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, *In Vitro* Immunoglobulin Production in Hepatitis, Department of Medicine (R. L. Whisler), 1 September 1979 through 31 August 1980. (Project 761407 - Continuation)

\$40,984.00 - Department of Energy, Albuquerque, New Mexico, Salt-Gradient Solar Pond Development, Department of Physics (C. E. Nielsen), 1 July 1979 through 31 January 1980. (Project 760904 - Continuation)

\$40,600.00 - National Science Foundation, Washington, D. C., Equipment Grant: Acquisition of Electron Microscope, Department of Entomology (G. R. Stairs), 1 August 1979 through 31 July 1980. (Project 761783 - New)

\$39,964.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing Techniques to Jet Engine Control, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 1 August 1979 through 31 July 1980. (Project 761795 - New)

\$38,777.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Clinical Implications of Vergence-Anomaly, College of Optometry (R. Jones), 1 August 1979 through 31 July 1980. (Project 761249 - Continuation)

\$38,000.00 - National Science Foundation, Washington, D. C., Extension of Complex Coordinate and Complex Basis Function Techniques to Molecular Systems: Resonances and Photoionization, Department of Chemistry (C. W. McCurdy, Jr.), 1 November 1979 through 31 October 1980. (Project 761834 - New)

\$37,431.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Gene Expression and Enzyme Synthesis in *Neurospora*, Department of Biochemistry (G. A. Marzluf), 1 July 1979 through 30 June 1980. (Project 760743 - Continuation)

\$36,741.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemical Applications of Osmium Chemistry, Department of Biochemistry (E. J. Behrman), 1 September 1979 through 31 August 1980. (Project 760123 - Continuation)



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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$36,474.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 August 1979 through 31 July 1980. (Project 761218 - Continuation)

\$35,446.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1979 through 31 August 1980. (Project 761266 - Continuation)

\$33,496.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry (M. S. Newman and D. W. Meek), 1 August 1979 through 31 May 1980. (Project 761809 - Continuation)

\$32,026.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion: Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1979 through 31 August 1980. (Project 761373 - Continuation)

\$31,011.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, A New Method for Analysis of Coronary Artery Behavior, Department of Surgery (T. E. Williams and J. F. Cornhill), 1 July 1979 through 30 June 1980. (Project 761222 - Continuation)

\$29,996.00 - National Science Foundation, Washington, D. C., Statistical Methods for Algorithm Design and Analysis, Department of Computer and Information Science (B. W. Weide), 1 October 1979 through 30 September 1981. (Project 761829 - New)

\$28,300.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 August 1979 through 31 July 1980. (Project 760834 - Continuation)

\$25,883.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 September 1979 through 31 August 1980. (Project 760820 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$24,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Scattering of Acoustic Waves by a Finite Cylinder Immersed in Water, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 September 1979 through 31 August 1980. (Project 761805 - New)

\$24,000.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Development of Computer Simulations for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 12 July 1979 through 31 December 1979. (Project 761802 - New)

\$22,000.00 - National Endowment for the Humanities, Washington, D. C., The Worlds of James Thurber, Telecommunications Center (M. Durea), 1 September 1979 through 30 November 1979. (Project 761780 - New)

\$20,945.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1979 through 31 August 1980. (Project 760885 - Continuation)

\$18,596.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station (E. A. Whitehurst), 1 February 1979 through 31 March 1979. (Project 760347 - Continuation)

\$17,058.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Surveying Systems, Department of Geodetic Science (I. I. Mueller), 1 August 1979 through 30 September 1979. (Project 761793 - New)

\$16,805.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Allied Health Educators Training Institute, School of Allied Medical Professions (D. C. Broski), 11 September 1979 through 30 June 1980. (Project 761789 - New)

\$16,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pathogenesis of Canine Distemper Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 August 1979 through 31 July 1980. (Project 761225 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$10,414.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler, J. A. Grossie and J. A. Rall), 1 September 1979 through 31 August 1980. (Project 760924 - Continuation)

\$10,302.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Studies of Mycorrhizal Symbioses and Heavy Metal Accumulation of Tree Seedlings Used in Reclamation of Strip-Mine Spoil Banks, Department of Botany (E. Rudolph), 1 August 1979 through 15 September 1980. (Project 761798 - New)

\$9,998.00 - Department of the Interior, Fish and Wildlife Service, Atlanta, Georgia, The Taxonomic Evaluation of the Duck River *Pleurocera* Species, Department of Zoology (D. H. Stansbery and C. Stein), 1 August 1979 through 31 July 1981. (Project 761785 - New)

\$8,412.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1979 through 31 August 1980. (Project 760804 - Continuation)

\$8,046.00 - Department of the Air Force, Newark Air Force Station, Newark Air Force Station, Ohio, Engineering Refresher Course, Department of Engineering Graphics (A. Romeo), 1 August 1979 through 31 October 1979. (Project 761788 - New)

\$5,000.00 - National Science Foundation, Washington, D. C., Symposium on Molecular Spectroscopy, Columbus, Ohio; 1980, Department of Physics (K. N. Rao), 1 September 1979 through 31 August 1980. (Project 761843 - Continuation)

\$2,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1979 through 31 March 1980. (Project 760063 - Continuation)

\$792.00 - Department of Labor, Washington, D. C., Occupational Noise, Department of Otolaryngology (W. Melnick), 1 September 1979 through 31 August 1980. (Project 761779 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$5,554,014.00

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants**

\$222,968.00 - State of Ohio, Department of Energy, Columbus, Ohio, Proposal for Development and Delivery of a Boiler Efficiency and Safety Training Program, Program for Energy Research, Education, and Public Safety, Graduate School (R. E. Bailey), 15 August 1979 through 14 August 1981. (Project 761813 - New)

\$58,400.00 - Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (T. M. Stephens and D. S. Hill), 1 September 1979 through 30 June 1980. (Project 761816 - New)

\$44,997.00 - State of Ohio, Department of Economic and Community Development, Division of Crime Prevention, Columbus, Ohio, Rural Crime Prevention Center, Department of Agricultural Economics and Rural Sociology (G. H. Phillips), 1 May 1979 through 30 April 1980. (Project 761766 - New)

\$36,374.00 - State of Ohio, Department of Energy, Columbus, Ohio, A Proposal for the Training of Qualified Energy Auditors, Program for Energy Research, Education, and Public Service, Graduate School (R. E. Bailey), 7 August 1979 through 31 December 1979. (Project 761819 - New)

\$27,766.00 - Ohio Youth Commission, Columbus, Ohio, Buckeye Youth Center Visual Response System Project, Academic Faculty for Exceptional Children (W. L. Heward), 1 September 1979 through 30 June 1980. (Project 761817 - New)

\$10,000.00 - The Ohio Arts Council, Columbus, Ohio, Three Computer Animated Color Videotapes, Arts Administration (C. A. Csuri), 1 July 1979 through 30 June 1980. (Project 761837 - New)

\$9,140.00 - Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (T. M. Stephens and D. S. Hill) 1 September 1979 through 30 June 1980. (Project 761815 - New)

\$4,153.00 - Ohio Historical Society, Ohio Historic Preservation Office, Columbus, Ohio, A Proposal for an Archaeological Survey of a Portion of Sandusky County, Department of Anthropology (W. Dancey), 1 August 1979 through 30 September 1980. (Project 761806 - New)

\$4,069.00 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Development and Demonstration of a Habilitative Program for Disturbed Retarded Institutional Residents, Nisonger Center for Mental Retardation (B. Edmonson), 1 July 1979 through 31 July 1979. (Project 761823 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$1,767.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty of Labor and Human Resources and Department of Economics (S. Kelley), 1 July 1979 through 30 June 1980. (Project 761713 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$ 419,634.00**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$137,252.00 - Hospital Financial Management Association, Chicago, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, School of Allied Medical Professions (W. O. Cleverley), 1 July 1979 through 30 June 1980. (Project 761794 - New)

\$130,492.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Monitoring Public Health and Animal Health on Farms Receiving Sludge, Department of Veterinary Preventive Medicine (C. R. Dorn), 1 October 1979 through 30 September 1980. (Project 760949 - Continuation)

\$75,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Application for a Grant to Help Create an American Cancer Society Professorship of Clinical Oncology, Department of Surgery (J. P. Minton), 1 July 1979 through 30 June 1982. (Project 761833 - New)

\$58,800.00 - City of Columbus, Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 23 August 1979 through 30 June 1980. (Project 760790 - Continuation)

\$35,150.00 - Clarkson College of Technology, Potsdam, New York, Air to Ground Measurements, Processing and Analysis of Moving Tactical Ground Targets, Department of Electrical Engineering, ElectroScience Laboratory (A. Ksienski), 14 August 1979 through 30 September 1979. (Project 761830 - New)

\$30,000.00 - The Petroleum Research Fund, The American Chemical Society, Washington, D. C., Synthetic and Mechanistic Aspects of Regiospecific Photocycloaddition Reactions, Department of Chemistry (J. S. Swenton), 1 September 1979 through 31 August 1981. (Project 761824 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$22,549.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Relation Between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 15 August 1979 through 14 August 1980. (Project 761376 - Continuation)

\$21,000.00 - The National Foundation - March of Dimes, White Plains, New York, Effect of Hypoxia, Pyrogen and Blood Glucose on Thermosensitive Hypothalamic Neurons in the Developing Brain, Department of Physiology (J. A. Boulant), 1 July 1979 through 30 June 1980. (Project 761191 - Continuation)

\$20,000.00 - Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (F. A. Kulacki), 1 July 1979 through 31 October 1979. (Project 761731 - New)

\$18,639.00 - Virginia State Corporation Commission, Richmond, Virginia, Investigate Methods to Utilize the Production Cost Simulation Model on the Electric Utilities Serving the Commonwealth of Virginia That Are Part of a Power Pool, National Regulatory Research Institute (D. N. Jones and M. S. Gerber), 1 August 1979 through 31 October 1979. (Project 761797 - New)

\$13,928.00 - Association for Brain Tumor Research, Chicago, Illinois, Epigenetic and Nerve Growth Factor Studies, Department of Veterinary Pathobiology (A. Koestner), 1 July 1979 through 30 June 1980. (Project 761733 - New)

\$12,210.00 - Kentucky Utilities Company, Lexington, Kentucky, Survey Species Composition and Abundance of Freshwater Mussels in the Ohio River, Department of Zoology (D. H. Stansbery), 15 July 1979 through 15 September 1979. (Project 761773 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cardiovascular Effects of Dobutamine in Atherosclerotic-Ischemic Heart Disease, Department of Medicine (C. V. Leier and R. D. Magorien), 1 July 1979 through 30 June 1980. (Project 761821 - New)

\$10,800.00 - World Health Organization, Geneva, Switzerland, Establishment of an Integrated System for the Characterization of Microsporidian Parasites, Department of Entomology (J. D. Briggs), 1 July 1979 through 30 June 1980. (Project 760976 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$10,000.00 - American Petroleum Institute, Washington, D. C., API Readability Analysis, Department of Psychology (E. T. Cornelius, III), 1 August 1979 through 31 January 1980. (Project 761804 - New)

\$9,730.00 - Morris Animal Foundation, Englewood, Colorado, Culture and Characterization of Bone Marrow Cells from Normal Cats and Cats with Neoplastic Anemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 August 1979 through 31 July 1980. (Project 761825 - New)

\$7,370.00 - Safety Council, Columbus Area Chamber of Commerce, Columbus, Ohio, Technical Assistance in Developing Commercial Establishment Crime Prevention Curriculum, Department of Sociology (J. E. Scott), 1 August 1979 through 1 December 1979. (Project 761752 - Continuation)

\$7,311.00 - University of Illinois, Champaign, Illinois, Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 August 1979 through 31 October 1979. (Project 761633 - Continuation)

\$6,090.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1979 through 31 May 1980. (Project 760643 - Continuation)

\$5,692.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Pathology (R. O'Toole), 1 July 1979 through 31 December 1979. (Project 761460 - Continuation)

\$4,900.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Microbiological Analysis of Runoff Water, Department of Microbiology (P. R. Dugan), 23 July 1979 through 31 January 1980. (Project 761811 - New)

\$3,000.00 - American Society of Medical Technologists, Education and Research Fund, Inc., Bellaire, Texas, Study of the Erythrocyte Stroma: Potential for Use in Autoabsorption of Warm and Cold Autoagglutinins, Department of Pathology (M. S. Kennedy and A. Waheed), 1 August 1979 through 31 July 1980. (Project 761828 - New)

\$3,000.00 - North Central Technical College, Mansfield, Ohio; John C. Calhoun State Community College, Decatur, Alabama; Oakton Community College, Morton Grove, Illinois; National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$1,500.00 - Greater Columbus Arts Council, Columbus, Ohio, Public Film, Photography and Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 July 1979 through 14 April 1980. (Project 761822 - New)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 656,413.00</b>
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**ENGINEERING EXPERIMENT STATION**

**State of Ohio Sponsored Research and Development**

\$30,859.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Investigation of Asphalt Pavement Recycling in Ohio: A Laboratory and Field Investigation, Department of Civil Engineering, September 4, 1979 through September 3, 1980. (EES 599-529079)

**Industrial and Other Sponsored Research and Development**

\$55,620.00 - The Ohio State University Office of Physical Facilities, Columbus, Ohio, for Continued Study of Energy Conservation for University Buildings, Department of Mechanical Engineering, July 1, 1979 through June 30, 1980. (EES 468-529008, Extension 8)

**Sponsored Development Projects**

\$30,908.00 from various sponsors for 38 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$99,990.00 - Honda Motor Co., Ltd., Tokyo, Japan, for the East Asian Studies Program Fund.

\$25,000.00 - Grand Aerie Fraternal Order of Eagles, Milwaukee, Wisconsin, (given in the name of Woody Hayes), for the Eagles Fund for Cardiology Research.

\$24,757.50 - Pfizer, Inc., Groton, Connecticut: \$16,810.00 for the Clinical Pharmacology Fund; \$5,447.50 for the Infectious Disease Research Fund; \$1,500.00 for the Department of Medicine Fund; and \$1,000.00 for the Antibiotic Research Rotary.



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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$20,020.55 - Retinal Consultants, Inc., Columbus, Ohio: \$16,298.13 for the Retina Research Fund and \$3,722.42 for the Ophthalmology Photography Fund.

\$20,000.00 - Standard Oil Company, Cleveland, Ohio: \$10,000.00 for the College of Engineering Campaign Fund; \$5,000.00 for the Sohio Chemical Engineering Fund; \$2,500.00 for the College of Engineering Special Fund; and \$2,500.00 for the Affirmative Action Program in Engineering Fund.

\$16,950.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$15,000.00 - Mr. and Mrs. John W. Galbreath, Columbus, Ohio, for The C. William O'Neill Professorship of Law Fund.

\$15,000.00 - Mrs. Elizabeth Randall, Knoxville, Tennessee, for the William J. McCaughey Fellowship in Mineralogy Fund.

\$14,600.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$13,163.17 - Sisa Incorporated, Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Anderson Clayton Foods, Dallas, Texas, for the Anderson Clayton Graduate Fund for Casein Research.

\$10,000.00 - Eastman Kodak Company, Rochester, New York, for the Eastman Kodak Company Fund in Chemistry.

\$10,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for the Advanced Design Methods Laboratory - Mechanical Engineering.

\$10,000.00 - John C. Neff, M.D., Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Estate Under the Will of Margaret G. Outcault, Paris, Michigan, for the College of Engineering Special Fund.

October 5, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$9,500.00 - Phi Beta Psi Sorority Grand Chapter, Lima, Ohio, for the Cancer Research Fund.

\$9,100.00 - Mrs. Ruth S. Utley, Columbus, Ohio, for the Francis Lee Utley Memorial Fountain in the Main Library.

\$8,901.71 - University Eye Surgeons, Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$8,400.00 - INCO Limited, New York, New York, for the International Nickel Company Fellowship Fund.

\$7,367.14 - Grand Chapter of Ohio Order of the Eastern Star, Danville, Ohio, for the Cancer Research Fund.

\$7,136.09 - Systems Associates, Columbus, Ohio, for the Cardiology Support Fund.

\$5,575.00 - Charles F. Sinsabaugh, M.D., Newark, Ohio, for the College of Medicine Alumni Society Fund.

\$5,000.00 - City National Bank, Columbus, Ohio, for The C. William O'Neill Professorship of Law Fund.

\$5,000.00 - Midland Ross Corporation, Urbana, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Minnesota Mining and Manufacturing Company, St. Paul, Minnesota, for the William G. Pace, III Fund.

\$5,000.00 - The George Fund Foundation, Cleveland, Ohio, for the Ohio 4-H Foundation Support Fund.

\$5,000.00 - Trust Under the Will of Myron E. Speck, Cleveland, Ohio, for the Dr. M. Henry and Myron E. Speck Fund.

**Gift-in-Kind**

\$5,603.00 - Continental Office Furniture, Columbus, Ohio, (given in the name of Frank Kass), office furniture for the Department of Athletics.

October 5, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **The Kenesaw S. Shumate Memorial Fund**

The Kenesaw S. Shumate Memorial Fund was established October 5, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and colleagues of Kenesaw S. Shumate, Professor of Civil Engineering and Chemical Engineering, and former Director of the Water Resources Center, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to graduate students pursuing a degree in the water resources area. The selection is to be made upon the recommendation of the Scholarship Committee of the Water Resources Center and would be based on nominations submitted by the graduate student's faculty advisor.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for the Water Resources Center activities.

##### **The Ohio Association of Garden Clubs Horticulture Scholarship**

The Ohio Association of Garden Clubs Horticulture Scholarship was established October 5, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Ohio Association of Garden Clubs, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship for a junior or undergraduate student who has demonstrated academic ability, with a preference given to students enrolled in either the Floriculture or Landscape Horticulture program areas. The selection of the recipient is to be made upon the recommendation of the Department of Horticulture Scholarship Committee to the College of Agriculture and Home Economics Scholarship Committee.

October 5, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Ohio Association of Garden Clubs Horticulture Scholarship (contd)**

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for horticultural education.

##### **The William H. Whirl Scholarship Fund**

The William H. Whirl Scholarship Fund was established October 5, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Estate of Elizabeth H. Whirl, Columbus, Ohio, B.A. '21, B.S.Ed. '21, in memory of her husband, William H. Whirl, B.Ch.E. '24.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to award one or more scholarships to students planning to study chemical engineering. All requisitions for funds for the awards will be approved by the Chairperson of the Department of Chemical Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairperson of the Department of Chemical Engineering and the Dean of the College of Engineering.

##### **The Earl F. Miller II Memorial Fund**

The Earl F. Miller II Memorial Fund was established October 5, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Optometry Class of 1952.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for undergraduate students, or fellowships for graduate students, in the College of Optometry who have demonstrated interest

October 5, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Earl F. Miller II Memorial Fund (contd)**

in physiological optics. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Optometry in conjunction with the Director of Financial Aids.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Optometry.

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**PLANS AND SPECIFICATIONS**

Resolution No. 80-33

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

**NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM**

**Project:** Improvements to the heating, ventilating and air conditioning system to meet current energy conservation programs.

**Funding:** Budget Account 885088 (Housing and Urban Development loan to The Ohio State University Residence and Dining Halls).

**Estimated Project Cost:** \$362,000.00

**NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if

October 5, 1979 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS (contd)

### NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM (contd)

satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## REPORT OF AWARD OF CONTRACTS

Resolution No. 80-34

*Synopsis: Contracts have been awarded for the project to the lowest and best bidder in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

### DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY)

Description: Provide additional clinic chairs, alteration and renovation of two surgery areas, recovery suite and the oral surgery department's administrative area.

#### General Contract

Date Received:	August 30, 1979
No. of Bids:	5
Low Bid:	\$ 36,880.00*
High Bid:	\$ 46,900.00*
Estimate of Cost:	\$ 41,200.00*
Awarded to:	Ed Ross Construction Co. (Westerville, Ohio)

\* Recommended alternates reflected in these figures.

October 5, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS (contd)**

**DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY) (contd)**

**Plumbing Contract**

Date Received: August 30, 1979  
No. of Bids: 3  
Low Bid: \$ 50,500.00\*  
High Bid: \$ 65,500.00\*  
Estimate of Cost: \$ 52,000.00\*  
Awarded to: Radico, Inc. (Columbus, Ohio)

**Heating, Ventilating and Air Conditioning Contract**

Date Received: August 30, 1979  
No. of Bids: 1  
Low Bid: \$ 57,900.00\*  
Estimate of Cost: \$ 63,500.00\*  
Awarded to: Kirk Williams Company, Inc. (Grove City, Ohio)

**Electrical Contract**

Date Received: July 6, 1979  
No. of Bids: 5  
Low Bid: \$ 21,444.00\*  
High Bid: \$ 27,771.00\*  
Estimate of Cost: \$ 24,472.00\*  
Awarded to: J & L Electric Co. (Columbus, Ohio)

**Total All Contracts: \$166,724.00**

**Total Project Cost: \$188,996.82**

**Funding: H.B. 618, Utilities and Renovation 1977-79 Biennium (\$127,000.00)  
and Local University Funds in the sum of (\$61,996.82)**

**\* Recommended alternates reflected in these figures.**

October 5, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS (contd)**

**DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY) (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds for the project listed above are hereby reported.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ACCESSION OF PROPERTY - 134.40 ACRES AND 44.33 ACRES,  
GOOD HOPE TOWNSHIP, HOCKING COUNTY, OHIO**

Resolution No. 80-35

*Synopsis: Accession of Property - 134.40 acres and 44.33 acres adjoining Barnebey Center and situated in Good Hope Township, Hocking County, Ohio.*

WHEREAS the University has been provided with an opportunity to acquire the following property: two tracts of land consisting of 134.40 acres and 44.33 acres adjoining the Barnebey Center in Good Hope Township, Hocking County, Ohio; and

WHEREAS Mrs. Annabelle E. Hoge of Lancaster, Ohio, has offered to make a gift of said property to the University, subject to the reservation of the income during her life from the gas storage lease and the right to one-half of proceeds from the sale of timber from the property in the event such timber is sold during her lifetime; and

WHEREAS Mrs. Hoge has requested that said property be retained by the University for conservation for ten years or until her death, whichever shall occur last:

NOW THEREFORE

BE IT RESOLVED, That the property be accepted as a gift to the University through the Development Fund from Mrs. Annabelle E. Hoge through her conveyance of a General Warranty Deed to the Board of Trustees of The Ohio State University; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to acquire title to said property in the name of the Board of Trustees of The Ohio State University.

Dr. Sirak: How is that land to be maintained?

President Enarson: Well, it's--I think I know the answer, but I'll ask Dick to handle it.



October 5, 1979 meeting, Board of Trustees

**ACCESSION OF PROPERTY - 134.40 ACRES AND 44.33 ACRES,  
GOOD HOPE TOWNSHIP, HOCKING COUNTY, OHIO (contd)**

Mr. Jackson: The property is to be maintained by us.

Dr. Sirak: What does that amount to a year? Minimal?

Mr. Jackson:

Well, whatever it takes in order to do it, I suspect that for the most part, we are talking about no maintenance. It's in terms of the existing use of the property, if there is to be a sale of lumber then obviously there is some income from it. It is essentially virgin land.

Dr. Jacob:

It states that for ten years or more, it's to be maintained in conservation, which to me means no change.

President Enarson: Some selective timbering--

Mr. Devenow: Well, maybe we can sell our timber off of Barnebey.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**INVESTMENT COUNSELORS**

Resolution No. 80-36

*Synopsis: Change in amount of funds under advisement of National Investors Services of America, Inc., is recommended.*

WHEREAS it is desired to maximize the return on University investments within the policies of the Board of Trustees; and

WHEREAS the University is attempting to identify funds that may be invested for an extended period of time; and

WHEREAS the Trustees have authorized the use of National Investors Services of America, Inc., to advise the University on the investment of University funds in an amount not exceeding \$12 million:

NOW THEREFORE

BE IT RESOLVED, That the amount of funds under advisement of National Investors Services of America, Inc., be increased to an amount not to exceed \$20 million.

October 5, 1979 meeting, Board of Trustees

### **INVESTMENT COUNSELORS (contd)**

Mr. Kristoff:

At the present time, we are utilizing the services of National Investors Services for the management not to exceed \$12 million, and we've been pleased with their performance, and we would like to maximize the amount of funds that we can extend the maturities on. And even though, at this time, we wouldn't be increasing maturities, we would like to have the flexibility to channel more funds to their portfolio when we are ready to have the maturities extended. So we're requesting that we increase the amount that we can have under the advisement of National Investors Services from \$12 million to \$20 million.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS BY PRESIDENT HAROLD ENARSON**

I want to comment on the capital improvements bill now under consideration in the General Assembly.

Recent press reports indicate that members of the Senate Finance Committee may propose deep cuts in the capital improvements recommended for this University by the Governor and approved by the House. While no final action has been taken by the Senate Committee, these reports are deeply disturbing. Let me briefly review recent developments.

On September 18 Governor Rhodes submitted his recommendations to the General Assembly for capital improvements for the state for 1979-81. He proposed \$488 million for higher education, of which \$89.1 million, or roughly 18 percent, was recommended for Ohio State. (Attached you will find a list of the projects recommended for OSU.)

Let me intersperse with this comment.

The enrollment of Ohio State as a share of the total postsecondary enrollment in publicly supported institutions is approximately 18 percent, but that's not the most valid measure. The most valid measure of our capital needs, which of necessity must reflect the types of programs we have here, would be our subsidies--because the subsidies, you see, would reflect the fact of our graduate and professional program. On that score, the OSU budget is roughly one fourth of the budget. So anytime you're talking about the capital improvements bill and anytime you're talking about Ohio State getting its share, you'd better be looking and the public better be looking and the legislature better be looking at roughly one fourth of whatever is appropriated for higher education.

October 5, 1979 meeting, Board of Trustees

**STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS  
BY PRESIDENT HAROLD ENARSON (contd)**

On September 20, members of the House concurred in the Governor's recommendations and added two projects to those proposed for the University. By a decisive, bipartisan vote of 70-23, they approved the capital improvements bill (House Bill 834) and sent it to the Senate.

There the bill was referred to the Senate Finance Committee. Hearings were held this week. As of this hour, the Finance Committee has taken no official action on the bill. Action is not expected until next week.

Meanwhile, we cannot ignore the reports that deep cuts in Ohio State's projects are being considered. Indeed, of the total cuts being discussed for all institutions of higher education in the state, this University *alone* reportedly would bear almost half.

We have been assured by Senate leaders that no final decisions have been made. Yet I feel obliged to alert this Board and the people of Ohio to the consequences of such severe cuts as those which have been discussed in recent days.

First, let me make one point clear. It is not my province to propose what the level of funding should be to meet the capital needs of the state for the next two years. Setting that amount is a policy matter which is the prerogative of our elected state officials.

Indeed, members of the General Assembly may ultimately conclude that a level of capital funding somewhat lower than that now in House Bill 834 is what is needed at this time. If this turns out to be the case, however, we would certainly expect that any cuts would be applied fairly and equitably across the agencies of government and across higher education.

Overall funding levels, then, must be set by those in government. My responsibility, as president of this University, is to plan for the years ahead. My responsibility is to recommend those orderly steps which must be taken now if this University is to be ready to deliver to the people of Ohio the services they will expect from Ohio State in the 1980's and beyond. And to meet this responsibility, I must speak out when possible legislative or other actions threaten this University's ability to deliver quality educational and public services to the citizens of this state.

It is absolutely essential that all of us who care about The Ohio State University understand the significance of the projects recommended by the Governor and approved by the House. The projects fall into three broad groups.

- \* The largest group is in the health sciences: \$53 million or 59 percent of the total. Major projects include:

**STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS  
BY PRESIDENT HAROLD ENARSON (contd)**

\$25 million for a cancer institute, for both in-patient and out-patient care.

\$7 million to modernize radiation therapy facilities.

\$4 million for a cancer center research laboratory.

\$5 million for an Ohio Arthritis Center, to focus and expand OSU's work on this crippling disease.

\$1.6 million for a Geriatric Center, to advance our efforts in this high-priority field.

\$6 million for health center access improvements.

\$4.4 million for veterinary science, adding needed space to Sisson Hall for basic animal science and care.

- \* The next largest category is that of replacement or renovation of out-moded facilities: \$21.9 million or 24 percent of the total. Projects in this group include:

\$5.2 million for an agricultural engineering building to replace outdated Ives Hall.

\$9.5 million to replace the sawtooth section of McPherson Laboratory with a modern building for undergraduate chemistry students.

\$6.5 million for utilities and renovations, to continue our essential program of keeping our older buildings up to date and usable.

\$747,000 for University Hospital renovations.

- \* The final category reflects efforts to increase the University's capacity to meet various public needs. It includes:

\$10 million, representing 11 percent of total funds proposed, to be used for an Aerodynamics Testing Center at the Transportation Research Center which OSU operates near Marysville. This facility would be a significant addition to the University's expanding efforts in transportation research and testing.

October 5, 1979 meeting, Board of Trustees

**STATEMENT ON THREAT TO OSU'S CAPITAL IMPROVEMENTS PROJECTS  
BY PRESIDENT HAROLD ENARSON (contd)**

Each project is important to us. But clearly the area which may be in greatest danger is also the area of greatest concern and importance to the people of the state--the area of health. And it was in this area that press accounts indicated that consideration apparently was being given at one point to cutting all funds for cancer research and patient care. Such cuts would be a tragic mistake, in my judgment.

Ohio has within its reach the opportunity to create a center for cancer research and treatment as fine as any in the nation. The foundation has been laid at this University.

In the past decade, the General Assembly has financed major expansions in the health sciences on this campus. This support, plus the rapidly growing expertise of our faculty in cancer research and treatment, led the National Cancer Institute to designate Ohio State as a national Comprehensive Cancer Research and Demonstration Center. We are the only such center in Ohio. We are one of only 21 such centers in the nation.

It makes no sense whatsoever--when the medical programs and facilities of this University have reached the threshold of national leadership and excellence--for the state to hold back its support now. We must build on the growing strength we have. The Governor's recommendations, endorsed soundly by members of the House, would permit the orderly development of our capability to better serve the vital health needs of the people of Ohio.

Let there be no misunderstanding about what is at stake. The decisions soon to be made in the Senate will profoundly affect this University's ability to serve the people of Ohio in the coming decade. These decisions go to the heart of our mission as a land-grant university and as the only comprehensive university in Ohio which offers the full range of graduate and professional programs.

Ohio State is acknowledged as one of the finest universities in the country. It got that way for many reasons, not the least of which was the vision which led governors and state legislators to establish and build a great center of learning to serve all the people of the state. Their goal was to help Ohioans get an education and lead better, healthier, more productive lives.

We know that the decisions facing members of the Senate and the General Assembly are complex and difficult. But it is our fervent hope--indeed, it is our expectation--that the leaders and members of the General Assembly will reconcile any remaining differences in a way that will not foreclose the prospect of healthier, happier lives for the people of our state in the years ahead.

October 5, 1979 meeting, Board of Trustees

**CAPITAL IMPROVEMENTS RECOMMENDED IN HOUSE BILL 834  
FOR THE OHIO STATE UNIVERSITY**

For Health Sciences--\$53,000,000

\$36,000,000 -- cancer research and treatment, including:

\$25,000,000 -- Cancer Institute Hospital

\$ 7,000,000 -- radiation therapy

\$ 4,000,000 -- cancer research laboratory (to be used in conjunction  
with the Comprehensive Cancer Research and Demon-  
stration Center)

\$ 5,000,000 -- Ohio Arthritis Center

\$ 1,600,000 -- Geriatric Center

\$ 6,000,000 -- Health Center access improvements

\$ 4,400,000 -- veterinary science addition

For Replacement/Renovation of Outdated Facilities -- \$21,947,000

\$ 9,500,000 -- replace sawtooth section of McPherson Lab

\$ 5,200,000 -- replace agricultural engineering building

\$ 6,500,000 -- general utilities and renovations

\$ 747,000 -- renovation in University Hospital

To Meet Specialized Public Needs -- \$10,000,000

\$10,000,000 -- Aerodynamics Testing Center for transportation research

Other Projects -- \$ 5,365,000

\$ 2,425,000 -- teaching, recreation, and support facilities at the Agricultural  
Technical Institute

\$ 1,500,000 -- Marion Campus student recreation and physical education facility

\$ 300,000 -- Marion Campus child care center

\$ 500,000 -- Bee Laboratory\*

\$ 640,000 -- Community Extension Center (Columbus) operated by the Depart-  
ment of Black Studies\*

\*Projects added by the House to the Governor's recommendation.

October 5, 1979 meeting, Board of Trustees

## DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS

President Enarson:

That concludes the written statement, and you will find as a final concluding attachment, a page which repeats the breakdown which I covered in narrative form. We are obviously going to see that this statement gets wide distribution. Beyond that, it's very difficult to see what more the University can do to present its case. If news accounts in this morning's paper are to be believed, there is no intention on the part of the Committee to hold hearings this coming week and that is entirely understandable because every institution and every community in the state has a stake in this bill, and I can understand the desire of the legislative leadership to get the matter resolved so they can move on to other matters.

Dr. Sirak:

Harold, do you have any further reading other than what's appeared in the paper--you probably don't--on what aspects of the health center--half of it's going to come out; theoretically you've got about \$85 million, roughly, tied up in this, and if they cut out \$45 million, does that mean they're going to cut out all of the health areas projects or do you have any idea of their priorities?

President Enarson:

I think it's obvious to the Board that we are in a difficult and awkward situation. It is true, we assume it to be true, that no final decisions have been made. Therefore, we are open to the charge of crying wolf. We also believe it to be true that there have, in fact, been very, very serious discussions and at least some tentative decisions along the lines indicated. Now, we do not have the text of any proposed drafts which would have--which would show the particular facilities that are being described. But again, if the newspaper accounts are to be believed--and I am not prepared to say that we believe them or disbelieve them--there was contemplation of very severe cuts of an order of magnitude which would have not only eliminated the proposed \$25 million cancer institute hospital--which in a sense could be thought of as a kind of next step in a progression--but cuts along the order of magnitude suggested would of necessity had to have included some \$7 - 7-1/2 million requested for radiation therapy and the \$4 million recommended for new facilities. Incidentally, on the latter, we of course are talking about matching funds with the federal government. Now I neglected to mention, I should have gotten it into the report, that about a year ago, as I recall, a site visit team representing the National Cancer Institute came through and their comments about radiation therapy were extremely critical. They made their case most persuasively and it was at that time with Dean Cramblett's help, we came to this Board and reported on this, and you may recall that we were a little bit late in the capital budget process, and we had been forced at an earlier date to submit our request to the Board of Regents. The Board of Regents, you will recall, had set a rough target of \$150 million capital improvements for the entire state. And so, the Board was understandably reluctant to even consider our late request. I don't think they

October 5, 1979 meeting, Board of Trustees

## DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS (contd)

President Enarson: (contd)

were faulting it on substantive grounds, but they simply had a ceiling and anything that came in late couldn't be accommodated. We did report our problem to state officials including the office of the Governor, and of course that was included. I think it would be a crippling blow to us if we did not secure funds for radiation therapy, and I think it would be folly for the legislature not to appropriate \$4 million with the understanding that we would use it if and when we secured matching funds from the state--

Dr Sirak: Federal government.

President Enarson:

From the federal government. We have had enough of this business of not getting enough of our share of federal funds.

Dr. Sirak:

Harold, have you heard any more about the possibility of moving the cancer hospital to Cleveland? Is there any update on that?

President Enarson:

Well, I only know, as Will Rogers used to say, 'what I've read in the papers.'

Dr. Sirak: Well, I've read that too.

President Enarson:

Yes. The reports were that some amount, fairly substantial amount, had been promised to Cleveland. If that's true, there's real irony in this because their attention level wasn't sufficiently great to propose this until the discovery that the money might be appropriated to Columbus. I have my own views on that. I trust they are transparent.

Dr. Sirak:

Do we have a mechanism or do we have some plans--ongoing plan other than just publishing our feelings publicly like this--of reaching the powers that be at the legislature to make them understand, to better understand how important things like the cancer radiation therapy area is, the research lab is, and these things?

President Enarson:

The answer is 'yes' and let me recount briefly what we have done the moment these stories broke. We met with the Franklin County delegation and it was a very



October 5, 1979 meeting, Board of Trustees

### DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS (contd)

President Enarson: (contd)

productive meeting I'm told (I was out of town at the time), and they promised all the help that they could give. Bill Napier and I were--requested--an appointment with Mr. Ocasek and did spend some time with him, and I sketched to the best of my ability the background and the history of our interest in the health sciences, where I thought we stood, and responded to all his questions. He, as I am sure you would guess, expressed deep concern about the total level of funding, and as I said in my written statement, that's not something the President has any business speaking to. I just expressed the hope that they'll give sympathetic consideration to what we were doing. Now we are in close, constant touch with the leadership and there'll be some further appointments honored early next week. But I think we all know something about the mysteries of Ohio politics and all votes are not free and equal. There is such a thing as leadership down there, and such a thing as followership.

Dr. Sirak:

Well, I'm speaking as a taxpayer. I'm saying that if the legislators feel that we don't have enough money to fund a budget of this magnitude and that we need to cut back, I don't have any great quarrel with that. As a matter of fact, I would kind of like to see it because I've seen so much of the other. But if they're going to move a sizable sum of money, say to build a cancer hospital or a portion of it up in Cleveland, I think that has to be construed as nothing more than just politics, really, and with no regard for need or usage or merit. The cancer radiation therapy unit is something that I think this institution needs badly because I think to some extent our accreditation turns on that; quality of our residency programs over there turn on that, certainly. It's something that's been ongoing, an ongoing need that's been expressed for quite a few years. I think this and certainly other areas--I just hope that this is made plain to Senator Meshel and Oliver Ocasek and other individuals that--

President Enarson:

I certainly concur and I have expressed the hope that consideration of the possible cancer institute hospital not be allowed to blur the separate and separable issue of the adequacy of current facilities--our adequacy to provide both patient care and instruction; and there can be no shadow of doubt about the inadequacy of our radiation therapy facilities.

Dr. Sirak:

Well, and things like our hospital renovation, something that ought to be done, and some of our other buildings too for that matter.

October 5, 1979 meeting, Board of Trustees

### DISCUSSION - OSU'S CAPITAL IMPROVEMENTS PROJECTS (contd)

President Enarson:

Now as I indicated, one thing troubles me a great deal. I guess I'm sure we all feel strongly if there are to be cuts, they should be imposed equitably. Here we face a fairly tough situation. We are regarded as the big, rich fellow on the hill and legislators sometimes tend to look at the dollars being made available to each of the other eleven institutions and they see Ohio State getting, let's say, twice as much as X University and getting more than anyone else, and they say, 'well, let's take some money away from Ohio State.' They're overlooking the fact that we are five times as large as some of the smaller universities in the state, and I repeat the point as a rough kind of judgment if we don't get roughly one quarter we are really not getting our share. And again, we have a distinctive mission that in no way puts down the role of the other universities in the state; and I remind us that we are the land-grant university, and we are the only comprehensive university with the full range of programs here.

Dr. Sirak:

Do we know what the enrollment figures are for the other state universities--what the trend has been, for example, for Case Western or some of the other schools out of the twelve? Do we have those numbers? We know ours is going up.

President Enarson:

Well, I'll just say this, that some of the private universities of the state have great difficulty filling their freshman class, and there is some decline in some of those universities, but that's a matter of fact and not of speculation. Incidentally, I'd hoped to have some more definitive information on the enrollment for Ohio State for the fall quarter. As you will recall, we don't do the official count till the 14th day--or, more precisely, the official count for reimbursement purposes on the 14th day--but collecting all that data and getting it sorted out and getting a final figure that is truly final, takes us a bit of time. We think we are in good shape. I would like to reassure the Board on that score. Incidentally, there seems to have been a moderate increase in overall enrollment this year in public universities throughout Ohio and in some but not all of the private colleges and universities. If anybody has any suggestions as to what we can do; if we could only figure our equivalent of the two-minute play that Earle Bruce had up his sleeve that carried him down the field in one minute and forty-one seconds on national television, we'd love to do a spectacular on this.

Dr. Sirak:

I think one of the things you take from that is, do the opposite--you don't pass.

President Enarson: No comment.

--O--

October 5, 1979 meeting, Board of Trustees

### AD HOC COMMITTEE FOR HEALTH AFFAIRS

Mrs. James:

There is one more item that I would like to bring to your attention before we adjourn. As you will recall, at the recommendation of the President, we established an Ad Hoc Committee for Health Affairs at our last Board meeting. In the interim, I have appointed members to that Committee as follows:

Daniel M. Galbreath, Chairman  
Howard D. Sirak  
Warren J Smith  
Patricia D. James, Ex Officio

I think a pretty good indication of the Board's interest and concern in this matter is that the Committee has already met in its organizational kind of meeting and will meet again at the discretion of the Chairman in consultation with the President.

--O--

### REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-37

RESOLVED, That the report on the University's Investment Portfolio, dated September 21, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

Thereupon the Board adjourned to meet Friday, November 30, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 30, 1979

The Board of Trustees met at its regular monthly meeting on Friday, November 30, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

November 30, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related issues.

Present: Patricia D. James, Chairman, Howard D. Sirak, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

The meeting of the Board of Trustees reconvened at 1:30 pm.

## RESOLUTIONS IN MEMORIAM

Resolution No. 80-38

*Synopsis: Resolutions honoring the service of twelve of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Edmund D. Ayres

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 9, 1979, of Edmund D. Ayres, Professor Emeritus in the Department of Electrical Engineering.

After receiving the B.A. degree from Miami University in 1920 and the S.B. and S.M. degrees from the Massachusetts Institute of Technology in 1922 and 1923, Professor Ayres first spent seven years in industrial positions, with General Electric Company and with Jackson and Moreland, Engineers. From 1930 until 1942, he served on the faculty of the University of Wisconsin teaching electrical engineering and engineering economics. His tenure at the University of Wisconsin included five years as Chairman of the Department of Engineering Economics.

Professor Ayres' service to The Ohio State University began in 1942 and was continuous until his retirement in 1969. His principal teaching activities were concentrated upon engineering economics and power systems engineering. He was passionate in his belief that engineering graduates should be schooled in engineering economics. He fostered its inclusion in the curriculum at OSU and also worked through professional organizations for its inclusion in the curricula of other universities. In 1954, Professor Ayres co-authored a textbook, *Engineering Economics*, with Robert T. Livingston.

Professor Ayres typified the high ideals of scholarship and service which are the very cornerstones of a university's existence. He worked diligently and unceasingly to improve the

November 30, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Edmund D. Ayres (contd)

quality of his stewardship to his students. He used his off-duty quarter each year to improve his competence by working for one of a large number of electric utility companies. He also served as employment counselor and advisor for electrical engineering students, helping virtually countless numbers of new graduates and alumni to find suitable employment. Professor Ayres' service to his profession was also exemplary. At various times he held important positions in both local and national units of the American Institute of Electrical Engineers. He participated actively in the work of many other professional organizations as well.

On behalf of the University community, the Board of Trustees expresses to the family of Edmund Ayres its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Wilbur C. Batchelor

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 7, 1979, of Wilbur C. Batchelor, Professor Emeritus in the College of Social Work.

Dr. Batchelor was born May 6, 1890, in Canajoharie, New York. He was reared there and in New England. He attended Springfield (Massachusetts) College and received his bachelor of physical education degree in 1913. On a scholarship, he later went to Clark University, Worcester, Massachusetts, and earned his master of arts degree in psychology in 1919. In 1931 he received the honorary master of physical education degree from Springfield College, and in 1936 he earned the degree of doctor of education from the University of Pittsburgh. He was a member of the Alpha Kappa Alpha honorary fraternity and an honorary member of Alpha Phi Omega service fraternity.

Dr. Batchelor's broad professional experience included service as Professor of Physical Education and Hygiene and Director of Athletics, Rensselaer Polytechnic Institute, 1915-1920; Adjunct Professor of Education, Texas Woman's College and Texas Christian University, 1923-1925; Director of Recreation, City of Utica, New York, 1920-1923, and Fort Worth, Texas, 1923-1925; Director of Recreation, City of Pittsburgh and Board of Education, 1925-1935; Lecturer, Pennsylvania College for Women, Carnegie Institute of Technology and University of Pittsburgh, 1925-1935; Visiting Professor, University of Texas, summer of 1936.

Dr. Batchelor joined the faculty at The Ohio State University in 1935. He was a leading educator in the fields of social group work, youth services, and public recreation. He was a prolific writer and his work was published in many leading journals. He served on countless municipal, county, state, national and international commissions, associations and boards--often as a charter member--contributing to the future well-being of the American people.

November 30, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Wilbur C. Batchelor (contd)

Dr. Batchelor was a dedicated and respected leader in the development of parks and public recreation. Examples of his research and planning in this area exist throughout the United States. His retirement in 1960 marked more than 50 years as a pioneer in the development of the Social Settlement Movement Inter-racial Commissions, the YMCA, scouting, camping and hosteling. His influence was international in scope. He will long be remembered for his outstanding contributions. He will best be remembered as a warm, humorous human being and teacher who was an inspiration to his students.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Batchelor its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

Helen A. Cameron

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 5, 1979, of Helen A. Cameron, Professor Emeritus in the Department of Economics.

Helen A. Cameron was a long-term and effective member of the University family. She took three degrees here: B.A. in 1926, M.B.A. in 1955, and Ph.D. in Economics in 1960.

After raising her family, she engaged in a second career as a member of the economics faculty of this University beginning in 1960. Mrs. Cameron was an effective member of the instructional staff specializing in public finance. Her scholarship and writing resulted in the publication of several widely accepted books and monographs. In addition, she served on numerous occasions as a technical consultant on fiscal and public policy questions to both governmental and citizens' groups.

Dr. Cameron also was active in the work of several societies, serving as an officer in the Columbus Chapters of the American Association of University Women, the National Society of Arts and Letters and the American Statistical Association.

Dr. Cameron was an effective teacher, a productive scholar, and a faithful participant in the policy-formation process. Her contributions to this University and the community merit continued appreciation.

On behalf of the University community, the Board of Trustees expresses to the family of Helen A. Cameron its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and her many friends and associates have sustained.



November 30, 1979 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

John de Gara

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 26, 1979, of John de Gara, Professor Emeritus in the University Libraries.

Professor de Gara was born on February 9, 1901, in Debrecen, Hungary. He received a baccalaureate diploma from Presbyterian Gymnasium in Hungary and his doctor of philosophy degree from the University of Hamburg. His master's degree in library science was earned at Indiana University.

After World War II, Professor de Gara served as an official of the Hungary Ministry of Agriculture and was stationed in the French occupation zones of Austria and Germany. After coming to the United States, Professor de Gara served as an interpreter and as an instructor for the Air Force Language School at Indiana University. He became a naturalized citizen in 1956.

On February 1, 1957, Professor de Gara joined the staff of The Ohio State University Libraries, where he served as a cataloger until November 13, 1957, when he was named Head, Agriculture Library. He served in that position until his retirement on September 30, 1970.

His contributions to collection development and his continuing striving for improvements in library services for the students and faculty made him a valuable member of the University community.

On behalf of the University community, the Board of Trustees expresses to his wife, Margaret Wertheim, and to his son, John P. de Gara, its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of sympathy and respect.

Geza Freud

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 27, 1979, of Geza Freud, Professor in the Department of Mathematics.

Professor Freud was born on January 4, 1922, in Budapest, Hungary. He graduated from the Technical University of Budapest in 1950 with a Master of Science degree in electrical engineering. He obtained his Ph.D. degree in mathematics from the Academy of Sciences, Hungary, in 1954. From 1952 until 1974, Professor Freud headed the Approximation Theory Group at the Mathematics Institute of the Hungarian Academy of Sciences, Budapest. During this period, Professor Freud wrote over a hundred scientific works, among them a book entitled, *Orthogonal Polynomials*. For his efforts, Professor Freud was awarded several prizes.

Professor Freud taught at The Ohio State University from 1975 until his death in 1979. He had many graduate students and he played an important role in revitalizing classical

November 30, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Geza Freud (contd)

analysis in the Department of Mathematics. Professor Freud was dedicated to excellence in teaching, service and research, and made an outstanding impact on many of his pupils and colleagues.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Freud its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

Lowry W. Harding

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 16, 1979, of Lowry W. Harding, Professor Emeritus in the College of Education.

Dr. Harding, a native Virginian, received his Bachelor of Arts degree from Lynchburg College in 1929. He earned his Master of Arts degree from the University of Virginia in 1935. He was granted the Ph.D. degree from The Ohio State University in 1941, at which time he joined the faculty of the College of Education at Ohio State as Assistant Professor.

Prior to coming to Ohio State, he served as a teacher and an administrator in the public schools of Virginia. Dr. Harding was advanced to the rank of Associate Professor in 1944 and was promoted to Professor in 1950.

During World War II, Dr. Harding served 24 months with the United States Navy as a gunnery officer.

Lowry Harding served as a Visiting Professor at the College of William and Mary, University of Arkansas, Case Western Reserve University, Northwestern University and University of Virginia.

Dr. Harding was the author of numerous outstanding books and articles dealing with the improvement of teaching. He was a nationally known authority on the teaching of mathematics in the elementary school. As an editor of professional books in the field of education, he gained a reputation as a perceptive and conscientious educator. As a member of numerous school evaluation teams, he was instrumental in improving a score of school systems. He devoted many years of his life to the development of a comprehensive testing program for the improvement of the teaching of arithmetic.

On behalf of the University community, the Board of Trustees expresses to the family of Lowry W. Harding its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

November 30, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

James V. Logan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 25, 1979, of James V. Logan, Professor Emeritus in the Department of English.

Dr. Logan was born on June 25, 1901. He received the degree of bachelor of arts from Washington and Lee University in 1924, and the master's and doctor's degrees in English literature from Princeton University in 1927 and 1932 respectively. Before joining The Ohio State University faculty in 1935, he held appointments at Princeton, Eastern Kentucky State Teachers College, University of Pittsburgh, and Kansas State Teachers College (now Wichita State University). He was also a visiting professor of English at Northwestern University in 1949. He retired as Professor Emeritus in 1971.

Although the subject of his first book, published by the Princeton University Press in 1936, was the eighteenth-century English poet Erasmus Darwin, Dr. Logan was best known for his contributions to Wordsworth studies. In addition to articles and reviews, he was the author of *Wordsworthian Criticism: A Guide and Bibliography*, published by The Ohio State University Press in 1947, with a revised edition in 1961. He also edited a collection of essays entitled, *Some British Romantics*, published by the same press in 1966, and for a number of years was a contributor to the annual bibliography of scholarship in the romantic movement sponsored by the Modern Language Association of America.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

John C. Morrow

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 2, 1979, of John Charles Morrow, Professor of Theatre in the College of the Arts.

Professor Morrow was born in Cleveland, Ohio, in 1934 and graduated from Kent State University in 1956 with a degree in speech and theatre. Following one year of high school teaching at Milan, Ohio, and two years of graduate study at the University of Wisconsin-Madison, he completed the degree of Doctor of Philosophy at The Ohio State University in 1963. He was appointed Assistant Professor in the same year and was promoted to Associate Professor in 1967. Six years later, in 1973, he received the rank of Professor.

During his twenty years of association with The Ohio State University, Professor Morrow was particularly noted for his work with the Theatre Research Institute (formerly called OSU Theatre Collection) for which he served as Managing Director for many years, and for his interest in international theatre research. He participated in two summer Shakespeare Institutes at Stratford-upon-Avon and led six summer research seminars to England and Scandinavia. He served on the Advisory Committee of the Center for Medieval and Renaissance Studies, on the Graduate Council, and for several years as chairman of the departmental graduate committee.

November 30, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

John C. Morrow (contd)

Professor Morrow directed numerous major productions in old University Hall, Stadium Theatre, Sullivant Hall, Hughes Hall, Stadium II, and Thurber Theatre. He was frequently called upon to stage productions in the central Ohio area and served as guest director at Players Theatre of Columbus, Otterbein College, and the Jewish Center. He directed *Murder in the Cathedral* in Saint Joseph Cathedral in Fall 1978 for the centennial celebration and in Spring 1979 received the Greater Columbus Arts Council award as honored artist of the year.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Henry L. Plaine

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 28, 1979, of Dr. Henry L. Plaine, Assistant Dean of the College of Biological Sciences and Professor in the Department of Genetics.

Dr. Plaine was born in Baltimore, Maryland, on September 3, 1925. He attended Baltimore Patterson Park High School and in 1943 entered the U. S. Army and served with distinction in the Medical Corps during World War II. He was awarded the Purple Heart, Bronze Star, and the Combat-Medic Medal in addition to regular campaign, service and victory medals. Following his service discharge he entered Johns Hopkins University and earned a B.A. degree in 1950 and a Ph.D. in 1954 with major emphasis in biology and genetics.

He was first employed at The Ohio State University in October, 1954, as an Assistant Professor in the Department of Zoology and Entomology and was promoted to Associate Professor in 1959. In 1968 he was promoted to Professor and appointed Assistant Dean of the College of Biological Sciences and served in this capacity until his death.

Dr. Plaine's membership in professional societies included the American Genetics Association, Genetic Society of America, American Society for Human Genetics, Sigma Xi, Society for the Study of Evolution and the Conference of Biological Editors. He was a Fellow of the American Association for the Advancement of Science and The Ohio Academy of Science.

His scientific career was best recognized by his pioneering research into the genetic damage caused by X-rays, where he employed the well-known fruit fly model system for his investigations. Dr. Plaine's research led to an early understanding of the mode of action of irradiation-induced genetic defects and this led to an early publication on the use of cysteine as a counteractant to irradiation-induced cell damage. He contributed numerous publications to scholarly journals. He served as Editor-in-Chief of *The Ohio Journal of Science* from 1956 through 1962 and as an editorial referee for the journal, *Genetics*.

November 30, 1979 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Henry L. Plaine (contd)

His later role as an administrator was characterized both by his dedicated service to undergraduate students as advisor to hundreds of biology majors and by his unique ability to skillfully administer the curricular affairs of the College.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

James E. Pollard

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 13, 1979, of Dr. James E. Pollard, Professor Emeritus in the School of Journalism.

Dr. Pollard devoted most of his life to The Ohio State University, first as a student and later as a staff and faculty member. A native of Pennsylvania, he held his bachelor's, master's and doctoral degrees from Ohio State. He served as a teaching assistant in the political science department in 1920-21, was director of Ohio State's News Bureau from 1923 to 1933, and joined the journalism faculty in 1932. He was acting director of the School of Journalism from 1934 to 1938, and director (the School's second) from 1938 to 1958. He served as University Historian from 1958 until his retirement from full-time duties in 1965, and from 1965 until his death served as a consultant to the Office of Educational Services.

While he was the author of some 15 books and innumerable articles, his *The Presidents and the Press*, a book published in 1947, was his best-known work. A detailed account of the relationships of presidents and the press from Washington until Franklin Roosevelt, the book won the 1947 Sigma Delta Chi Distinguished Service Award for research in journalism. It still is without peer in its field.

In 1955, Dr. Pollard was elected president of the American Association of Schools and Departments of Journalism, an organization of accredited journalism teaching units. He served as national president of Kappa Tau Alpha, honorary journalism fraternity, along with many other memberships in national organizations related to journalism and the freedom of information.

He was continually in the forefront of efforts to make American journalism better, and many students of his will remember his daily admonition to each class, "Accuracy, accuracy, accuracy." His own writings and teachings reflected that philosophy, and when Jim Pollard wrote or said something everyone could be certain it was as true as man could make it.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. James E. Pollard its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

November 30, 1979 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Anne Stone Schorr

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 1, 1979, of Anne Stone Schorr, Instructor Emeritus in the Department of English.

Anne Stone Schorr received a Bachelor of Arts degree with a major in English from The Ohio State University in 1933. She taught in the Department of English from 1956 to 1967 when she joined the staff of Novice Fawcett, President of the University. In 1972 she rejoined the English faculty and taught until her retirement in 1975. Her special competence was in the teaching of composition and business writing.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Herbert B. VanderPoel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 1, 1979, of Herbert B. VanderPoel, County Extension Agent Emeritus.

Mr. VanderPoel was born October 12, 1899, in Springfield, Massachusetts. A Bachelor of Science in Agriculture degree was received from Syracuse University in 1922. Additional education with credit toward a Master of Science degree was secured from The Ohio State University, Iowa State College and Colorado State University.

Mr. VanderPoel served in the U. S. Army in 1918 and 1919 prior to enrolling in college. He taught vocational agriculture in Washington County from 1922 to 1943 prior to joining the American Red Cross as field director in Africa and Italy for two years. Mr. VanderPoel joined the faculty of The Ohio State University as a County Extension Agent in Washington County on June 1, 1946.

Mr. VanderPoel was a dedicated and highly respected agricultural leader in Washington County. He was well known and respected among his peers on the Extension faculty. He is remembered for his outstanding contributions to the agricultural industry, particularly in the area of vegetable production.

On behalf of the University, the Board of Trustees expresses to the family of Mr. VanderPoel its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

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November 30, 1979 meeting, Board of Trustees

**BUDGET SUMMARY (FOURTH QUARTER, 1978-79)**

Resolution No. 80-39

*Synopsis: The Fourth Quarter Summary Report of the current funds budget is presented for review.*

WHEREAS the Fourth Quarter report of the current funds budget for fiscal year ending June 30, 1979 is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income do not represent significant changes from those presented for the third quarter; i.e., the income varies from the third quarter estimates by 1.9 per cent and the budget expenditure figures by 0.3 per cent from the third quarter budget due primarily to greater activity of earnings and sponsored programs; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to planned restoration of balances and capital expenditure replacements, were less than 0.8 per cent:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter, including transfers to plant funds processed for the fiscal year ending June 30, 1979, be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY  
CURRENT FUNDS BUDGET  
ACTUAL EXPENDITURES/BUDGETS FOR 1978-79  
(IN THOUSANDS)**

	Estimated 1978-79	Actual 1978-79
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$145,961	\$145,367
Libraries	8,369	8,612
Other Academic Support	2,493	2,478
Sponsored Programs Administration	2,244	2,488
Student Services	7,990	7,834
Plant Operation	25,849	23,182
Institutional Support	15,249	16,193
Total Instruction and General	\$208,155	\$206,154
Sponsored Research		
Research Foundation	\$ 32,770	\$ 33,453
Engineering Experiment Station	2,093	2,086
University Sponsored Programs	916	1,120
Other	3,001	2,261
Total Sponsored Research	\$ 38,780	\$ 38,920

November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
CURRENT FUNDS BUDGET  
ACTUAL EXPENDITURES/BUDGETS FOR 1978-79  
(IN THOUSANDS)

	Estimated 1978-79	Actual 1978-79
Columbus Campus (contd)		
Public Service		
University Hospitals	\$ 81,558	\$ 82,483
Cooperative Extension Service	20,139	19,871
University Sponsored Programs	2,422	2,729
Other	13,677	14,451
Conferences	2,535	2,611
Total Public Service	\$120,331	\$122,145
Student Aid	\$ 6,222	\$ 6,110
Auxiliaries		
Student Housing	\$ 19,302	\$ 19,246
Intercollegiate Athletics	8,254	8,998
University Bookstores	4,767	5,053
Student Health Service	2,384	2,384
Student Unions	2,474	2,687
Parking Facilities	2,572	2,611
University Airport	1,901	2,033
Fawcett Center for Tomorrow	1,514	1,612
Other	807	773
Total Auxiliaries	\$ 43,975	\$ 45,397
TOTAL COLUMBUS CAMPUS	\$417,463	\$418,726
Regional Campuses		
Administration	\$ 179	\$ 143
Lima Campus	2,291	2,506
Mansfield Campus	2,290	2,306
Marion Campus	1,353	1,351
Newark Campus	2,101	2,031
Agricultural Technical Institute	2,413	2,534
Wright-Patterson Graduate Center	125	117
TOTAL REGIONAL CAMPUSES	\$ 10,752	\$ 10,988
TOTAL ALL CAMPUSES	\$428,215	\$429,714
Construction and Equipment Reserves	-0-	\$ 5,500
GRAND TOTAL	\$428,215	\$435,214



November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT EXPENDITURES/BUDGETS FOR 1978-79  
(IN THOUSANDS)

	Estimated 1978-79	Actual 1978-79
Columbus Campus		
Government Appropriations		
State of Ohio	\$143,070	\$143,394
Federal	56,670	57,932
Other	5,345	6,156
Subtotal	\$205,085	\$207,482
Student Fees		
Instruction and General	\$ 58,830	\$ 58,946
Room and Board	16,158	16,447
Other	2,887	3,081
Subtotal	\$ 77,875	\$ 78,474
Other Income		
Auxiliary Sales and Charges	\$ 98,461	\$100,293
Department and University Services	17,654	17,489
Endowment Income	3,637	3,940
Gifts and Grants	12,717	12,612
Temporary Investments	2,800	6,396
Subtotal	\$135,269	\$140,730
TOTAL COLUMBUS CAMPUS	\$418,229	\$426,686
Regional Campuses		
Lima Campus	\$ 2,623	\$ 2,592
Mansfield Campus	2,656	2,648
Marion Campus	1,552	1,518
Newark Campus	2,424	2,269
Agricultural Technical Institute	2,625	2,726
Wright-Patterson Graduate Center	125	97
TOTAL REGIONAL CAMPUSES	\$ 12,005	\$ 11,850
GRAND TOTAL	\$430,234	\$438,536

## TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79

Account Description	Account Number	Transferred from Account Number	Amount
Unexpended Plant Funds - Capital:			
Optometry Addition	082003	011035	\$ (37,977.82)
		025505	(31,154.05)
Means Hall - ICU	082009	019000	156.29
Polo Field - Parking Lot	082010	016007	(87,096.32)
Hospital - ICU	082013	019000	11,018.00
Eleventh Avenue Ramp	082014	016007	400,000.00
East Stadium Research Space	082015	010000	(44,642.57)
Tennis Courts	082019	010000	(804.48)
Starling-Loving Remodeling	082020	019000	60,000.00
Eisenhower Hall Remodeling	082026	032990	(10,947.41)
Land Purchases	082027	010000	81,018.60
Traffic Signals	082030	016007	45,000.00
Finley Farm - Horse Barn	082033	011020	9,000.00
		011052	28,500.00
		033717	10,000.00
Veterinary Medicine - Fixed Equipment	082034	010000	589.85
Lima Campus - Metal Building	082035	010928	50,820.00
Weigel Hall	082037	010000	240,000.00
Zoology - Storage Building	082038	010000	20,100.00
		059279	2,500.00
Cancer Center	082039	010000	100,000.00
Total Unexpended Plant Funds - Capital			\$ 846,080.09
Unexpended Plant Funds - Renewals and			
Replacements:			
Garage - Temporary Vet Clinic	085036	010000	\$ (3,551.09)
Scott Hall Fire	085037	010000	(8,639.34)
Laundry Boiler	085044	014004	(9,982.00)
Goss Laboratory - Cancer Facility	085045	010000	(1,462.08)
Administration Building - Remodeling	085048	010000	(2,257.00)
Lima Campus - Remodeling	085050	010928	(394.97)
Page and Hagerty Halls	085059	010000	16,724.00
		034754	31,211.50
Lima - Phase II - Remodeling	085063	010928	(2,755.00)
Galvin Hall and Technical Lab	085064	010928	(14,257.00)
Public Safety Building	085067	016007	156,000.00
Mansfield Parking Area No. 5	085068	010942	(13,875.31)
Lincoln Tower - University Systems	085070	010000	(8,953.00)
Parking Lot Repairs	085071	010000	51,000.00
		016007	383,000.00

November 30, 1979 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
<b>Unexpended Plant Funds - Renewals and Replacements: (contd)</b>			
Computer Design Lab	085072	010000	\$ 62,769.30
		012900	5,000.00
		033752	28,350.00
Baker Systems Engineering Building	085075	010000	(9,918.00)
Ramseyer Hall	085076	010000	36,431.00
Wiseman Hall	085077	010000	169,280.00
Galvin Hall Compressor	085078	010928	77,830.00
Larkins Hall Ventilation	085079	010000	32,151.00
Ohio Union Remodeling	085081	010000	75,503.00
Barnebey Center Improvements	085082	033136	10,000.00
Hagerty Hall Remodeling	085084	050193	4,000.00
		059282	34,851.00
Golf Course Bridge	085085	016019	18,424.14
Robinson Lab Remodeling	085086	010000	47,740.00
Sisson Hall Improvements	085087	010000	33,000.00
North Dormitories - Retrofitting	085088	016024	29,700.00
Lincoln Tower Remodeling	085089	010000	28,464.00
Johnston Lab - Phase I	085090	010000	30,000.00
Newark Parking Lots	085091	010971	60,559.00
Pole Barn Repair	085094	010000	7,679.00
		011052	13,061.00
		050110	5,800.00
Lima Parking Lots	085095	010928	97,252.00
Galvin Hall Remodeling	085096	010928	35,910.00
Lima Tennis Courts	085097	010928	24,545.00
McPherson Lab Remodeling	085098	010000	38,850.50
Graves Hall Remodeling	085100	010000	28,000.00
		032927	7,000.00
Total Unexpended Plant Funds - Renewals and Replacements			\$ 1,604,040.65
<b>Reserves - Repairs and Replacements:</b>			
Registration Services	086904	010000	\$ 1,239.00
Business and Administration	086905	010000	7,200.00
University Systems	086906	010000	3,610.00
Business Management	086907	010000	22,000.00
University Treasurer	086908	010000	(4,800.00)
Physical Facilities	086909	010000	119,307.35
Police	086910	010000	27,443.20
Construction Projects Contingency	086999	010000	4,000,000.00

November 30, 1979 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
<b>Reserves - Repairs and Replacements: (contd)</b>			
Equipment Reserve Matching	086999	010000	\$ 1,500,000.00
Stores	086913	014001	30,300.00
Laundry	086914	014004	150,000.00
		014100	400,000.00
Office Equipment Repair	086915	014003	25,800.00
Printing Facility	086916	014002	161,200.00
Transportation	086917	014100	85,000.00
Bookstore	086918	014100	29,000.00
		016003	5,000.00
Physical Facilities - Improvements	086920	010000	(20,232.00)
		014011	65,000.00
		014110	38,686.09
University Airport	086921	011541	7,670.50
		016014	153,285.27
Fire Safety	086923	010000	(1,205.00)
Housing Commission No. 2	086925	016102	6,500.00
University Properties	086926	016300	1,200.00
Endowment Properties	086927	016350	18,400.00
North Campus Apartments	086928	016390	2,350.00
Property Management	086929	016015	2,250.00
University Properties - Improvements	086930	016300	7,900.00
Endowment Properties - Improvements	086931	016350	104,500.00
Housing Commission No. 1 - Improvements	086933	016101	20,000.00
Housing Commission No. 2 - Improvements	086934	016102	2,000.00
Drake Union	086935	016005	20,000.00
Ohio Union	086936	016020	20,000.00
Rathskeller	086939	014100	16,000.00
		016012	8,000.00
Food Facility - Improvements	086940	014006	10,000.00
		014100	12,000.00
Stores - Improvements	086943	014100	5,869.00
University Hospital - Capital Equipment	086995	019000	3,189,997.00
Total Reserves - Repairs and Replacements			\$10,252,470.41
Total Transfers to Plant Funds			\$12,702,591.15

November 30, 1979 meeting, Board of Trustees

**TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1978-79 (contd)**

**RECAP**

Current General	010000	\$ 6,673,635.24
Current General - Regional Campuses	0109xx	315,633.72
Current General - Department Earnings	011xxx	20,253.68
Current General - EES	012900	5,000.00
Current General - Service Accounts	014xxx	1,018,873.09
Auxiliary Enterprises	016xxx	1,316,413.09
Hospital	019000	3,261,171.29
Current Restricted - Endowment	02xxxx	(31,154.05)
Current Restricted - Development Fund	03xxxx	75,614.09
Current Restricted - Other	05xxxx	47,151.00
Total		\$12,702,591.15
Current Unrestricted Funds		\$12,610,980.11
Current Restricted Funds		91,611.04
Total Transfers to Plant Funds		\$12,702,591.15

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**BUDGET SUMMARY (FIRST QUARTER, 1979-80)**

Resolution No. 80-40

*Synopsis: First Quarter Budget Summary, 1979-80 is presented for review and acceptance.*

This Budget Summary for the first quarter 1979-80 contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Changes to the September, 1979 budget have been made to the core Unrestricted Fund estimates of the Columbus Campus representing revised projections of temporary investment income. Included with this budget, is a proposed change in the application fee charged to all foreign students for applications submitted for Spring, 1980. This fee change, an increase to \$25, is recommended to recognize the higher costs of processing these applications. Slight upward revisions in the Restricted Fund estimates reflect redistribution based on first quarter activity. The upward revisions in the auxiliary and earning operations income/expense projects reflect corrections in expected activity of Student Housing and University Airport operations.

WHEREAS the first quarter report of the 1979-80 Current Funds Budget, covering the period July through September, 1979, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one per cent from the 1979-80 budget approved by the Board in September, 1979; and

WHEREAS an increase in the application fee charged to foreign students is proposed to cover increased processing costs; and

WHEREAS the projected expenditures and commitments of the first quarter report for 1979-80 are supported by adequate income:

November 30, 1979 meeting, Board of Trustees

**BUDGET SUMMARY (FIRST QUARTER, 1979-80) (contd)**

**NOW THEREFORE**

**BE IT RESOLVED**, That the accompanying first quarter budget report be accepted, including the recommended application fee change.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS)**

	Budget Approved September 7, 1979	Proposed Revised Budget
<b>Columbus Campus</b>		
<b>Instruction and General</b>		
Departmental Instruction and Research	\$158,295	\$159,600
Libraries	9,865	10,195
Other Academic Support	2,936	2,936
Sponsored Programs Administration	2,639	2,639
Student Services	9,168	9,243
Plant Operation	29,267	28,922
Institutional Support	17,293	17,818
Total Instruction and General	\$229,463	\$231,353
<b>Sponsored Research</b>		
Research Foundation	\$ 34,935	\$ 34,935
Engineering Experiment Station	1,890	1,890
University Sponsored Programs	958	983
Other	3,000	3,000
Total Sponsored Research	\$ 40,783	\$ 40,808
<b>Public Service</b>		
University Hospitals	\$ 89,854	\$ 89,854
Cooperative Extension Service	20,887	20,887
University Sponsored Programs	2,714	2,739
Other	14,476	14,526
Conferences	2,694	2,694
Total Public Service	\$130,625	\$130,700
Student Aid	\$ 6,542	\$ 6,557

November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS)

	Budget Approved September 7, 1979	Proposed Revised Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 21,334	\$ 21,584
Intercollegiate Athletics	10,119	10,119
University Bookstores	5,318	5,318
Student Health Service	2,611	2,611
Student Unions	2,698	2,698
Parking Facilities	3,009	3,009
University Airport	1,765	2,182
Fawcett Center for Tomorrow	1,669	1,669
Other	886	886
Total Auxiliaries	\$ 49,409	\$ 50,076
TOTAL COLUMBUS CAMPUS	\$456,822	\$459,494
Regional Campuses		
Administration	\$ 201	\$ 201
Lima Campus	2,549	2,549
Mansfield Campus	2,443	2,443
Marion Campus	1,504	1,504
Newark Campus	2,071	2,071
Agricultural Technical Institute	2,883	2,883
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 11,751	\$ 11,751
GRAND TOTAL	\$468,573	\$471,245

November 30, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET  
(IN THOUSANDS)

	Estimated Income September 7, 1979	Revised Estimated Income
<b>Columbus Campus</b>		
Government Appropriations		
State of Ohio	\$160,871	\$160,871
Federal	59,250	59,400
Other	5,650	5,650
Subtotal	\$225,771	\$225,921
Student Fees		
Instruction and General	\$ 61,735	\$ 61,735
Room and Board	17,743	17,743
Other	3,058	3,058
Subtotal	\$ 82,536	\$ 82,536
Other Income		
Auxiliary Sales and Charges	\$110,476	\$111,143
Department and University Services	16,247	16,247
Endowment Income	4,226	4,226
Gifts and Grants	15,957	16,057
Temporary Investments	3,000	6,000
Subtotal	\$149,906	\$153,673
TOTAL COLUMBUS CAMPUS	\$458,213	\$462,130
<b>Regional Campuses</b>		
Lima Campus	\$ 2,850	\$ 2,850
Mansfield Campus	2,758	2,758
Marion Campus	1,719	1,719
Newark Campus	2,352	2,352
Agricultural Technical Institute	3,103	3,103
Wright-Patterson Graduate Center	100	100
TOTAL REGIONAL CAMPUSES	\$ 12,882	\$ 12,882
GRAND TOTAL	\$471,095	\$475,012

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November 30, 1979 meeting, Board of Trustees

## DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 80-41

*Synopsis: Approval is being requested for awarding degrees and certificates for Autumn Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 7, 1979, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Sirak, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## HONORARY DEGREE

Resolution No. 80-42

*Synopsis: Approval is requested for awarding an honorary degree.*

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommends to the Board of Trustees awarding of the honorary degree as listed below:

Robert M. Duncan

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 30, 1979 meeting, Board of Trustees

**RENAMING OF ERNST & ERNST PROFESSORSHIP IN ACCOUNTING  
TO ERNST & WHINNEY PROFESSORSHIP IN ACCOUNTING**

Resolution No. 80-43

*Synopsis: Renaming of Ernst & Ernst Professorship in Accounting to Ernst & Whinney Professorship in Accounting is being recommended.*

WHEREAS the Ernst & Ernst Professorship in Accounting was established by action of the Board of Trustees on February 3, 1978; and

WHEREAS the name of the firm has been changed from Ernst & Ernst to Ernst & Whinney, effective July 1, 1979:

NOW THEREFORE

BE IT RESOLVED, That the Ernst & Ernst Professorship in Accounting be officially renamed the Ernst & Whinney Professorship in Accounting to reflect this change.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE  
IN LABOR AND HUMAN RESOURCES**

Resolution No. 80-44

*Synopsis: Establishment of a program leading to a Ph.D. degree in Labor and Human Resources is presented for approval.*

WHEREAS the Board of Trustees authorized the granting of the Bachelor of Science in Labor and Human Resources degree on January 9, 1976 and the Master of Labor and Human Resources degree on June 8, 1977; and

WHEREAS the Faculty of Labor and Human Resources has proposed a new program to be known as the Doctor of Philosophy in Labor and Human Resources; and

WHEREAS the Doctor of Philosophy program is designed to meet a demonstrated need for qualified candidates to fill research and teaching positions in colleges, universities, and other research-oriented institutions, and leadership positions in industry and government; and

WHEREAS The Ohio State University program will be the only program in this area of study which is available in the State of Ohio's colleges/universities:

November 30, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE  
IN LABOR AND HUMAN RESOURCES (contd)**

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate for the establishment of a Doctor of Philosophy degree program in the field of labor and human resources be approved; and

BE IT FURTHER RESOLVED, That pursuant to section 3333.04(N) of the Revised Code, this proposal be forwarded to the Board of Regents for approval with the program to become operative upon approval by the Board of Regents.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**CREATION OF UNIVERSITY HOSPITALS BOARD**

Resolution No. 80-45

*Synopsis: An amendment to the Bylaws of the Board of Trustees creating a University Hospitals Board is proposed.*

WHEREAS the Board of Trustees on September 7, 1979, created an ad hoc Committee on Health Affairs to review and make recommendations concerning the governance of University Hospitals; and

WHEREAS that Committee has reviewed the governance arrangements for the teaching hospitals of several universities and received the advice of university health sciences faculty and staff; and

WHEREAS that Committee has concluded on the basis of its studies that a Hospitals Board is desirable to assist the Board of Trustees in meeting its responsibilities for providing health care in University Hospitals:

NOW THEREFORE

BE IT RESOLVED, That Bylaw 3335-1-03 hereby is amended by adding thereto subsection (U) to read as follows:

3335-1-03 Administration of the university.

(U) University hospitals board.

- (1) The university hospitals board shall be responsible to the board of trustees for the oversight of patient care services in university hospitals.

**CREATION OF UNIVERSITY HOSPITALS BOARD (contd)**

The hospitals board shall be accountable through the vice president for health sciences, or other designee of the president, and the president to the university board of trustees. The bylaws of the hospitals board will be subject to the approval of the university board of trustees.

- (2) The hospitals board shall be comprised of three members of the university board of trustees and twelve other persons, selected from the general public who shall be appointed by the university board of trustees in consultation with the president.

BE IT FURTHER RESOLVED, That the attached *Policy Statement on University Hospitals Governance* hereby is approved as the basis for the creation of the University Hospitals Board, its bylaws, and its operating procedures; and

BE IT FURTHER RESOLVED, That the ad hoc Committee on Health Affairs, in consultation with the President, hereby is charged with taking actions necessary to implement the preceding bylaw change.

Mr. Smith:

I believe from my own standpoint, I'll leave it to our Chairman as to how he wants to handle it. The Educational Affairs Committee reviewed it this morning.

President Enarson:

I think at the risk of stating the obvious, we all perceive this as an extremely important step on a very important matter, and I am pleased to recommend to the Board the amendment of the Bylaws as shown here.

Mr. Galbreath:

Madam Chairman, if anybody would like further elaboration on this, I will be more than glad to speak to it. We've been meeting; I don't know how many meetings we have had, but we've had quite a few. Bill Vandament has given us a great deal of guidance by comparing our proposed direction with what has already taken place at some other similar institutions and boards. We've met with many groups from the University Hospitals to counsel with them and ask for their judgment and support. So this has not, certainly, been a quickly or hastily put together program, but your committee feels very strongly and unanimously, quite obviously, that this is the route to go and I hope you can give us a platform for building an even finer institution.

Mrs. James:

Dr. Sirak or Mr. Smith, would you like to say something? I would like to say that we certainly are grateful for the work that you have done with such dispatch and efficiency. We all are concerned about this issue and in our charge to the committee we wanted to get this addressed and get it worked out as quickly as possible so

## CREATION OF UNIVERSITY HOSPITALS BOARD (contd)

Mrs. James: (contd)

that we can move forward. We certainly want to thank Dr. Vandament, Provost Reynolds and Dr. Cramblett, in addition to the President, for their help and support in our efforts. We realize that this is not the end of our work, but it is a good beginning.

Mr. Galbreath:

We would have one more thing. Because of the significance of this the question might arise, 'What's next?' At the meeting this morning, we were further charged with the responsibility of going the next step which is now to begin to develop bylaws for this governing board, and the constituency of the Board--whether they come from the community at large or from around the state. So there is still a great deal to be done, but this puts it on the table that we believe strongly that this is the route we should go.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

## POLICY STATEMENT ON UNIVERSITY HOSPITALS GOVERNANCE

1. A University Hospitals Board will be created to oversee the quality and cost containment of patient care services in University Hospitals. This Board will also advise the University Board of Trustees on such matters as the Hospitals capital plans and its Current Funds Budget, all of which will be subject to periodic review by the Board of Trustees.
  - a. The Hospitals Board will be composed of three members of the OSU Board of Trustees and 12 citizens from the general public (citizen members), all appointed by the OSU Board of Trustees in consultation with the President of the University. No employee of the University shall be eligible for Board membership.
  - b. Insofar as feasible, the selection criteria will ensure that the Hospital Board membership will include persons with business expertise, persons with legal expertise, persons with knowledge of health care issues, and persons who can assist the Hospitals in its relations with the public and governmental entities. Selection processes will incorporate the affirmative action policies of the University.
  - c. The standard terms of the 12 citizen members will be three years. Of the original 12 such members, four will be appointed for three years, four will be appointed for two years, and four will be appointed for one year. At the discretion of the OSU Board of Trustees, any citizen member may serve two consecutive terms. Original members with two- or one-year initial appointments may serve two full terms in addition to the initial partial terms.

**POLICY STATEMENT ON UNIVERSITY HOSPITALS GOVERNANCE (contd)**

- d. In addition to the Hospitals Board members, the following will participate in deliberations at the Board's request, and will receive agenda and minutes, and will be invited to submit agenda items:
    - Director of University Hospitals
    - Members, Council of Health Sciences Deans
    - Medical Director of University Hospitals
    - Chief, Hospitals Medical Staff, or equivalent position
  - e. The Vice President for Health Sciences will serve as the University's primary administrative contact with the Hospitals Board and will assist the Chairman of the Board in establishing the agenda for Board meetings.
  - f. The Director of University Hospitals will serve as the non-voting secretary to the Board and provide staff services for the Board.
2. The Hospitals Board will be delegated authority permissible under Ohio law. It is understood that the University Board of Trustees cannot delegate its ultimate duties and responsibilities for governing the Hospitals, including those for the fiscal health of the University Hospitals, its personnel policies, or the definition of the Hospitals' mission. The Hospitals Board will have responsibilities to the Board of Trustees in the following areas:
- a. Oversight of patient services, including admissions and quality assurance policies and practices developed by the Hospitals' staff.
  - b. Oversight of relationships with outside agencies, both private and public.
  - c. Oversight of Hospitals' compliance with federal and state laws.
  - d. Oversight of Hospitals' accreditation process.
  - e. Approval of Medical, Dental, and Hospital Pharmacy Staff appointments, clinical privileges, and disciplinary actions upon the recommendation of the appropriate official.
  - f. Approval of Medical Staff bylaws.
  - g. Review of current funds and capital budgets prior to their submission to the OSU Board of Trustees by the University President.
  - h. Recommendations to the Vice President for Health Sciences on matters of institutional income and expenditures, fees for institutional services, and utilization of Hospitals' services.
- The Hospitals Board may choose to have a periodic review of Hospitals activities by a Board of Visitors. The Visitors, consisting of persons of national eminence in the health care field, would be selected in consultation with the President of the University.

**POLICY STATEMENT ON UNIVERSITY HOSPITALS GOVERNANCE (contd)**

3. To ensure that the OSU Board of Trustees meets its governance obligations as specified by Ohio law (See Am. Sub. H.B. No. 204, Sec. 121), the Hospitals Board will be accountable through the Vice President for Health Sciences and the President to the Board of Trustees. In the absence of a Vice President for Health Sciences, the President will designate an officer of the University administration who will be accountable to him directly for the operation of the Hospitals.
  - a. The appointment of the Director of University Hospitals will be approved by the OSU Board of Trustees upon recommendation of the President of the University following consultation with the Hospitals Board.
  - b. Recommendations and reports of the Hospitals Board that require OSU Board of Trustees' approval will be communicated through the Vice President for Health Sciences and the President of the University to the OSU Board of Trustees.
  - c. The OSU Board of Trustees will continue to hold the President of the University responsible for the conduct of the academic programs and for ensuring that the Hospitals are operated in a manner consistent with University and State policies.
4. The OSU Board of Trustees will adopt a mission statement for the University Hospitals which defines the University's expectations regarding: (a) the patient care activities of the Hospitals, and (b) the Hospitals' role in its teaching and research programs. This statement will be developed initially by the ad hoc Committee on Health Affairs of the OSU Board of Trustees with advice from the Council of Health Sciences Deans, the Acting Vice President for Medical Affairs, and the Executive Committee of University Hospitals. Subsequent revisions to this mission statement will be prepared by the University administration, following consultation with the Hospitals Board, for submission to the OSU Board of Trustees for approval.

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**DEFINITION OF REGULAR EMPLOYEE VERSUS STUDENT-EMPLOYEE STATUS**

Resolution No. 80-46

*Synopsis: Definition of regular employee versus student-employee is proposed.*

WHEREAS regular employment is defined as employment which is continuous in nature with the University and carries with it the term "regular appointment" and customarily requires the services of an individual on a regularly scheduled and continuing basis; and

WHEREAS an individual who is employed by the University but whose association with the University relates primarily to the pursuit of an academic program has traditionally been regarded as a student-employee; and

November 30, 1979 meeting, Board of Trustees

**DEFINITION OF REGULAR EMPLOYEE VERSUS  
STUDENT-EMPLOYEE STATUS (contd)**

WHEREAS there is a need to establish a more definitive policy about University-paid benefits entitlements of regular employees who are also enrolled as full-time students of the University:

NOW THEREFORE

BE IT RESOLVED, That effective April 1, 1980 regular employees who are also enrolled as students in degree-granting or other credit programs of the University for more than eight (8) hours as undergraduate students or more than six (6) hours as graduate students in any one quarter shall be classified as student-employees, and as such shall be ineligible for University-paid benefits with the exception of the Employee Fee Reimbursement program; and

BE IT FURTHER RESOLVED, That exception to this policy may be made for regular employees with five years or more of service upon recommendation of the appropriate administrative official and concurrence of the Office of Personnel Services.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY**

Resolution No. 80-47

*Synopsis: Approval of amendments to Rules of the University Faculty (3335-5-02 and 3335-5-04) is being proposed.*

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate:

3335-5-02 Appointments and continuing employment; conditions upon.

Investigation of allegations of membership resulting from fifth amendment privileges would be beyond the scope of the faculty hearing committee and invocation of the fifth amendment is not an admission of membership in organizations which advocate the overthrow of the government of the United States.

3335-5-04 Hearing procedures for complaints against regular and auxiliary faculty members.

The failure of a faculty member to meet faculty obligations for reasons of physical or mental disability should be dealt with as fairly and humanely as possible;



## AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

and decisions to terminate an appointment, to arrange early retirement or to change the assignment of duties of a faculty member for medical reasons should occur after appropriate consultation with the faculty member.

### NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty*, as approved by the University Senate on June 2, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

## RULES

### 3335-5-02 Appointments and continuing employment; conditions upon.\*

- (C) In defense of the freedom of those who teach and those who learn, and of the governmental system upon which such freedom is dependent, the conditions hereinafter set forth shall govern all initial appointments and continuing employment by the university.
- (D) It shall be sufficient cause for the removal of any officer, teacher or employee of the university, pursuant to the procedures set forth in rule 3335-5-04 of the Administrative Code, that such officer, employee, or teacher advocate, or have membership in an organization which is generally known to advocate the overthrow of the government of the United States, or of the state of Ohio, by force, violence or other unlawful means. (Reference is made to the provisions of section 124.36 of the Revised Code.)

### 3335-5-04 Hearing procedures for complaints against regular and auxiliary faculty members.\*

#### (A) Definitions and construction.

- (6) Allegations of gross or serious incompetence (hereinafter "incompetence") shall be judged by reference to the qualities and conditions under which tenure is customarily established at this university, to wit: competence with respect to teaching, service, and research. Accordingly, gross or serious incompetence shall refer to a faculty member's failure to meet his defined faculty obligations.
- (7) In cases of presumed physical or mental disability, decisions to terminate a tenured appointment, or a non-tenured appointment before the end of the appointment, for medical reasons will be based upon clear and convincing

\* Rule initiated by board of trustees.

## RULES (contd)

medical evidence. A decision to terminate an appointment to change the assigned duties of the faculty member or to arrange retirement because of medical reasons will be reached only after there has been appropriate consultation and the faculty member or his representative has been informed of the basis for the proposed action, and has been afforded an opportunity to present the position of the faculty member and to respond to the evidence. If the faculty member so requests, the evidence will be reviewed by the faculty hearing committee before a final decision with regard to termination or retirement is made by the board of trustees upon the recommendation of the president of the university. A similar right shall be afforded to the faculty member before a permanent change in duties is instituted for medical reasons. This shall not, however, prohibit a temporary and immediate reassignment of duties where clear danger exists to the faculty member or the university because of physical or mental impairment.

- (8) Complaints alleging grave misconduct shall refer only to activities that, if proved, seriously impair a faculty member's effectiveness in meeting his defined teaching, service, and research obligations.
  - (9) The designation department chairman in this rule includes academic faculty chairman, division chairman, and school director.
- (E) The faculty hearing committee.
- (6) At the conclusion of the proceedings, the hearing panel shall make separate written findings of fact and a recommendation as to a sanction, if any, to be imposed pursuant to paragraph (H) of this rule. Such findings of fact and recommendation, together with a complete transcript of the proceedings, shall be transmitted to the president of the university and to the respondent.
- (G) Board of trustees.

The board of trustees, in reviewing and deciding upon a dismissal case, has the ultimate authority to take that action necessary to promote the best interest of the university and to protect the rights of the individual. The board, based on a review of the record of the hearing panel, may accept or reject any recommendation of the president, or may sustain, revoke or modify any action taken by the president.

- (1) If the president recommends termination, the board may approve the recommendation, disapprove the recommendation and dismiss the complaint, or disapprove the recommendation and modify the sanction subject to paragraph (G) (2) of this rule.
- (2) If the board rejects a recommendation of termination, it shall state its reasons in writing and provide an opportunity for the president, the respondent, and the hearing panel to respond thereto in writing.

November 30, 1979 meeting, Board of Trustees

#### **RULES (contd)**

- (3) Should the president dismiss a complaint against a respondent, or impose a sanction less than termination, the board, or any committee thereof, may on its own motion review the matter and request written or oral statements of their respective positions from the president, the respondent, and the hearing panel.
  - (4) In reviewing and deciding on dismissal cases, the board shall give the respondent an opportunity to present to it arguments in writing, or in person or both.
- (H) Sanctions applicable to established cases of incompetence or grave misconduct.

Sanctions shall be selected from the following:

- (1) Recorded censure, administered by the dean of the college or the provost. This sanction shall be applied only in those cases involving unusually strong mitigating circumstances of exceptionally persuasive character.
- (2) Termination of employment, recorded and administered by the provost. Such termination shall be guided by the following requirements for payment of salary and notice of termination: at least three months, if the final decision is reached by March 1 (or three months prior to the expiration) of the first year of probationary service; at least six months, if the final decision is reached by December 15 of the second year (or after nine months but prior to eighteen months) of probationary service; at least one year, if the decision is reached after eighteen months of probationary service or if the faculty member has tenure. (These provisions need not apply if the grounds justifying the dismissal involve conduct which would invoke general condemnation by the academic community.)

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#### **ESTABLISHMENT OF A POSITION OF VICE PRESIDENT FOR UNIVERSITY DEVELOPMENT**

Resolution No. 80-48

*Synopsis: Establishment of a position of Vice President for University Development is being proposed.*

WHEREAS there is a need for recognition of the chief fund-raiser for the University as a major officer of the University:

NOW THEREFORE

BE IT RESOLVED, That there shall be established a position of Vice President for University Development who shall be responsible for fund raising, including individual, corporate and foundation giving; and

November 30, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF A POSITION OF VICE PRESIDENT FOR  
UNIVERSITY DEVELOPMENT (contd)**

BE IT FURTHER RESOLVED, That the appropriate changes to the *Bylaws of the Board of Trustees* and the *Rules of the University Faculty* shall be made to effect the changes set forth above.

3335-1-03 Administration of the university.

(P) Vice president for university development. The major area of responsibility and authority of the vice president for university development shall be that of general fund-raising activities. Without limiting the generality of the foregoing, the vice president for university development shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for management and direction of fund raising, including individual, corporate and foundation giving.

3335-3-151 Vice president for university development.\*

(A) The vice president for university development shall be the executive head of the office of university development.

(B) The major area of responsibility and authority of the vice president for university development shall be that of general fund-raising activities. Without limiting the generality of the foregoing, the vice president for university development shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for management and direction of fund raising, including individual, corporate and foundation giving.

(C) The principal administrative officials of the office of university development shall include such associates as may be authorized from time to time. (B/T 11/30/79)

\*Rule initiated by board of trustees.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PERSONNEL ACTIONS**

Resolution No. 80-49

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Appointment, Leaves of Absence Without Salary, and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the October 5, 1979 meeting of the Board, including the following Retirement,

November 30, 1979 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Appointment, Leaves of Absence Without Salary, and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

#### Retirement

C. EUGENE MAYNARD, Dean and Director, Marion Campus, has announced his intention to retire effective January 31, 1980.

#### Appointment

Name:	FRANCIS E. HAZARD
Title:	Dean and Director, Marion Campus
Effective:	February 1, 1980
Salary:	\$40,080.00 (12 months)
Present Position:	Dean, Kent State University, Tuscarawas Campus, New Philadelphia, Ohio

#### Leaves of Absence Without Salary

JERROLD R. VOSS, Professor and Chairman, Department of City and Regional Planning, effective January 1, 1980 through December 31, 1980, to accept post as Deputy Director of Research and Development for the United Nations Center for Human Settlements.

DONALD E. JOHNSTON, Professor, Department of Entomology, effective October 16, 1979 through October 31, 1979, to serve as a Visiting Professor at Cornell University.

EARL FINBAR MURPHY, Professor, College of Law, effective January 1, 1980 through June 30, 1980, to serve as a Visiting Professor at the University of Arizona.

HANS J. ZASSENHAUS, Professor, Department of Mathematics, effective October 1, 1979 through December 31, 1979, to accept a Senior U. S. Scientist Award to do research at the Universitat des Saarlandes.

MANSEL G. BLACKFORD, Associate Professor, Department of History, effective April 1, 1980 through December 31, 1980, to serve as Fulbright Lecturer at Kyushu University and Seinan Gakuin University in Fukuoka, Japan.

JOHN R. GRABNER, Associate Professor, Academic Faculty of Marketing, effective October 1, 1979 through December 31, 1979, to serve as a Visiting Professor at the University of British Columbia.

MARC C. RAPHAEL, Associate Professor, Department of History, effective October 1, 1980 through December 31, 1980, to assume a visiting appointment at Tel Aviv University, Israel.

November 30, 1979 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

DAVID L. STAMPE, Associate Professor, Department of Linguistics, effective January 1, 1980 through June 30, 1980, be changed to October 1, 1979 through March 31, 1980, to accept an NEH Fellowship for study in Europe.

R. M. WEATHERFORD, Associate Professor, Department of English, effective October 1, 1980 through September 30, 1981, to work on a bibliography dealing with materials on Western Travel and Exploration in the 19th Century.

MICHAEL ZWETTLER, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, effective April 1, 1980 through June 30, 1980, to accept a fellowship at the Institute for Advanced Studies of Hebrew University of Jerusalem.

LEILA RUPP, Assistant Professor, Department of History, effective January 1, 1980 through June 30, 1980, to accept a Radcliffe Research Scholar Award to pursue research on American feminism after 1945.

SUZANNE B. DE WOODY, Instructor, School of Nursing, effective October 1, 1979 through December 31, 1979, for personal reasons.

#### Emeritus Titles

ALVIN LLOYD MOXON, Department of Animal Science, with the title Professor Emeritus, effective September 1, 1979.

RICHARD H. ZIMMERMAN, Department of Mechanical Engineering, with the title Professor Emeritus, effective October 1, 1979.

MARVIN E. EASTER, Department of Aviation, with the title Assistant Professor Emeritus, effective October 1, 1979.

MARGUERITE M. WARREN, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective October 1, 1979.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-50

*Synopsis: The reports on contracts, grants and gifts and the summaries for September and October are presented for Board acceptance.*

November 30, 1979 meeting, Board of Trustees

### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

#### NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the months of September and October 1979, be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### SUMMARY FOR SEPTEMBER 1979

Source	No. of Projects	Support Level
Office of Business and Administration	7	\$2,149,756.00
The Ohio State University Research Foundation	86	5,731,513.85
Engineering Experiment Station	2	8,700.00
		\$7,889,969.85
	July 1979	
The Ohio State University Development Fund	6,527 Donors	\$ 796,017.36
Establishment of Named Funds		
The Sidney L. Pressey Honors Program Endowment Fund (Support and assist University- wide honors program)		
		\$ 179,000.00

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR SEPTEMBER 1979 (contd)**

**Establishment of Named Funds (contd)**

The Wayne and Jane Dalton Scholarship Fund (Scholarships - dairy science)	\$ 5,000.00
C. Emory and Frances C. Glander Fund (College of Law Library)	\$ 5,000.00
The Newman Endowed Scholarship in Forestry (Scholarships - forestry)	\$ 1,125.00

**Report from Presidents Club**

Members to date	3,209
1979: year to date	367
New members - September 1979	26

**New Presidents Club Members - September 1979**

Richard C. Baker	Russell M. Gertmenian
John R. Bay	Louan I. Hartley
David C. Bell	Thomas E. Hull
Ann M. Bercaw (Mrs. John)	Eugene F. Imbrogno
Josette Bianchine (Mrs. Joseph R.)	Mark T. Morrison
Donald E. Broehm	Kenneth D. Peterson
Rowland C. W. Brown	J. Alec Reinhardt
Paul H. Cunningham	Leann H. Riley
Thomas M. Ellis (In Memoriam)	Richard G. Roy
Cheryl A. Evans (Mrs. John)	Gerald E. Schlafman
Peter J. Fabri	Robert W. Schmidt
Edward L. Fox	Leah Shoemaker
John Gaylord	Thomas A. Snashall



November 30, 1979 meeting, Board of Trustees

# REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

## SUMMARY FOR OCTOBER 1979

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	81	\$4,659,325.62
Engineering Experiment Station	6	196,604.00
		\$4,855,929.62
August 1979		
The Ohio State University Development Fund	3,547 Donors	\$ 943,873.00

## Establishment of Named Funds

The June Purcell and Arthur Guild Loan Scholarship Fund (College of Law)	\$ 29,479.03
Earl B. Poling Graduate Research Fellowship in Agricultural Economics (Undergraduate scholarships/ graduate research - Agricultural Economics and Rural Sociology)	\$ 20,000.00
The Cathleen M. Murnane Travel Scholarship Fund (Graduate students - History of Art)	\$ 5,127.00
Dr. Floyd M. Beman Fund (Research, fellowship training, and patient care in gastroenterology)	\$ 5,000.00
The Blaydes-Meyer Fund (Graduate fellowships - Botany)	\$ 5,000.00

November 30, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### SUMMARY FOR OCTOBER 1979 (contd)

#### Establishment of Named Funds (contd)

Walter W. Seifert Award (Outstanding student - OSU Chapter of the Public Relations Student Society of America)	\$ 5,000.00
Thomas E. Rardin Family Practice Center Fund (Construction and maintenance of a designated family practice center)	\$ 4,155.00
The Optometry Class of 1953 Endowed Scholarship Fund (Scholarships - College of Optometry)	\$ 3,425.30

#### Report from Presidents Club

Members to date	3,239
1979: year to date	397
New members - October 1979	30

#### New Presidents Club Members - October 1979

Bishop	Carol Ann Hall (Mrs. James)
Caryn Sue Bloomberg (Mrs. Leroy B.)	Charles L. Kantner
James E. Brown	James M. Mills
William Bussey	Stanley E. Peterson
Robert E. Colliver	Allen D. Puppel
Charles R. Conroy	H. Paul Quicksall
Theodore W. Coons	Jenna Nell Ruff
Wayne Dalton	E. Rosalene Sedgwick (In Memoriam)
Mary Ann Edwards	Charles E. Seiberling
T. William Evans	Jack P. Smith
Julia Faye Farmer	Robert R. Smith
Margaret M. Fouts (Mrs. Michael)	Jean V. Speidell
Thomas W. Gigliotti	Ronald L. Stuckey
Harry Goldstein	Peter J. Utrata
Berndt H. Gros	Charles H. Walker

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FIRST QUARTER SUMMARY**

July 1, 1979 through September 30, 1979

**OFFICE OF BUSINESS AND ADMINISTRATION**

Source	No. of Projects	Support Level
<b>FEDERAL</b>		
Student	6	\$2,103,746.00
Training	2	112,250.00
Construction	1	724,000.00
TOTAL - FEDERAL	9	\$2,939,996.00
STATE OF OHIO	15	3,008,623.61
OTHER NON-FEDERAL	2	176,516.00
GRAND TOTAL	26	\$6,125,135.61

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FIRST QUARTER SUMMARY**

July 1, 1979 through September 30, 1979

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
<b>FEDERAL</b>		
Department of Energy	6	\$ 170,872.00
National Aeronautics and Space Administration	7	247,341.00
National Science Foundation	37	1,702,720.00
Department of Defense	13	603,528.00
Department of Health, Education and Welfare	100	8,158,345.00
Other Federal	33	2,521,589.00
TOTAL - FEDERAL	196	\$13,404,395.00
STATE OF OHIO	18	\$ 1,030,732.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	81	\$ 2,456,306.78
GRAND TOTAL	295	\$16,891,433.78

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FIRST QUARTER SUMMARY**

July 1, 1979 through September 30, 1979

**ENGINEERING EXPERIMENT STATION**

Source	No. of Projects	Support Level
FEDERAL	1	\$ 1,700.00
STATE OF OHIO	2	38,859.00
INDUSTRIAL AND OTHERS	106	436,102.00
TOTALS	109	\$466,661.00

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FOURTH QUARTER SUMMARY**

April 1, 1979 through June 30, 1979

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Donors	No. of Donors	Support Level
<b>ANNUAL GIVING</b>		
Direct Mail	2,517	\$ 49,474.51
Annuaals	4,224	83,956.42
Miscellaneous	13,558	358,645.03
Community Campaigns	13	195.00
Corporate Matching Gifts	116	45,876.93
<b>TOTAL</b>	<b>20,428</b>	<b>\$ 538,147.89</b>
<b>MAJOR RESOURCES</b>		
Deferred Gifts	22	\$ 757,660.77
Major Individuals	852	1,055,773.50
Corporate	702	1,286,376.10
Foundations	123	151,536.10
<b>TOTAL</b>	<b>1,699</b>	<b>\$3,251,346.47</b>
<b>GRAND TOTAL</b>	<b>22,127</b>	<b>\$3,789,494.36</b>

November 30, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

### OFFICE OF BUSINESS AND ADMINISTRATION

#### Federal Contracts/Grants

\$845,834.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Medicine, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15116-14)

\$664,274.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Dentistry, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15309-14)

\$317,140.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15704-10)

\$139,318.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1979 through September 30, 1980. (Grant 5E03MB1560810)

\$108,270.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Nursing Capitation Grant Program, School of Nursing, July 1, 1979 through June 30, 1980. (Grant 2 E04 NU01080-08)

#### TOTAL - FEDERAL CONTRACTS/GRANTS

\$2,074,836.00

#### State of Ohio Contract/Grant

\$55,000.00 - State of Ohio, Department of Education, Division of Elementary and Secondary Education, Columbus, Ohio, to provide in-service education focusing on nutrition education for teachers (K-6, secondary home economics, science and health), school librarians, guidance counselors and food-service managers in all public schools in thirteen counties in Central Ohio, College of Education, October 1, 1979 to September 30, 1980.

#### Other Non-Federal Contract/Grant

\$19,920.00 - The Ohio Education Association, Columbus, Ohio, Professional Development Workshops for 1979-80, College of Education, October 1, 1979 to June 30, 1980.

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

**Federal Research Contracts/Grants**

\$439,757.00 Environmental Protection Agency, Chicago, Illinois, Limnological Studies to Determine the Nearshore Chemical, Physical and Biological Water Quality of Western Lake Erie from Huron, Ohio, to the Detroit River, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. C. Stiefel), 28 August 1979 through 27 December 1980. (Project 761845 - New)

\$347,039.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, National Center for Research in Vocational Education (R. E. Taylor), 14 September 1979 through 13 September 1980. (Project 760890 - Continuation)

\$325,300.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center (D. S. Yohn), 1 July 1979 through 30 June 1980. (Project 763976 - Continuation)

\$244,928.00 - Environmental Protection Agency, Cincinnati, Ohio, Field Verification of Methane Movement Functions and Methane Control Systems for Landfill, Department of Civil Engineering (C. A. Moore), 27 August 1979 through 26 December 1981. (Project 761848 - New)

\$182,209.00 - National Science Foundation, Washington, D. C., Socio-Behavioral Responses to Chemical Hazards, Department of Sociology (E. L. Quarantelli), 1 September 1979 through 31 August 1980. (Project 760714 - Continuation)

\$162,676.00 - Department of Health, Education, and Welfare, Office of Human Development, Developmental Disabilities Office, Chicago, Illinois, UAF Administration, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1979 through 29 June 1980. (Project 760751 - Continuation)

\$149,500.00 - Department of Agriculture, Science and Education Administration, Washington, D. C., Effect of Intramammary Vaccination During the Non-Lactating Period on the Incidence of Bovine Udder Infections and Milk Productivity, Department of Veterinary Preventive Medicine (S. P. Targowski), 3 August 1979 through 30 September 1982. (Project 761885 - New)

\$143,732.00 - Department of Labor, Office of Procurement, Washington, D. C., Hearing Losses of Federal Employees, Department of Communication (E. J. Hardick) and Department of Otolaryngology (W. Melnick), 25 September 1979 through 4 October 1980. (Project 761897 - New)



## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$124,909.00 - Department of Agriculture, Science and Education Administration, Washington, D. C., Prevention of Parturient Hypocalcemia (Milk Fever) by the Active Metabolite of Vitamin D<sub>3</sub> (1,25-Dihydroxycholecalciferol), Department of Veterinary Pathobiology (C. C. Capen), 12 July 1979 through 30 September 1982. (Project 761803 - New)

\$123,750.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (G. O. Johnson), 1 October 1979 through 30 September 1980. (Project 761329 - Continuation)

\$110,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute - Annual Allotment, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761894 - Continuation)

\$109,501.00 - Department of the Army, Army Medical Research and Development Command, Fort Detrick, Frederick, Maryland, Design and Analysis of Chronic Aquatic Tests of Toxicity, Department of Entomology (W. J. Collins), Department of Statistics (P. I. Feder), and Department of Zoology (R. F. Carline), 15 September 1979 through 14 September 1981. (Project 761860 - New)

\$100,000.00 - Agency for International Development, Agricultural/Nutrition Branch, Washington, D. C., Matching Formula Title XII University Strengthening Grant, Department of International Programs in Agriculture (M. G. Smith), 23 July 1979 through 22 July 1980. (Project 761863 - New)

\$99,678.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Anti-neoplastic Agents, College of Pharmacy (L. Malspeis), 15 September 1979 through 14 September 1982. (Project 761876 - New)

\$90,118.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Expanded MEDIHC Effort - Allied Health Manpower Distribution Program, College of Medicine - Administration (M. V. Brown), 30 September 1979 through 29 September 1980. (Project 761854 - New)

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$75,604.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1979 through 31 August 1980. (Project 761850 - Continuation)

\$66,923.00 - National Science Foundation, Washington, D. C., The Planning Phase of a Welding Research Center, Department of Welding Engineering (R. B. McCauley), 1 October 1979 through 30 June 1980. (Project 761878 - New)

\$65,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Process for the Concurrent Production of Low-Volatile, Low-Sulfur Char and Synthesis Gas by Flash Carbonization, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761891 - New)

\$62,524.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mined Land Reclamation by Biological Reactivation, Department of Civil Engineering (C. Konya), 1 October 1979 through 30 September 1980. (Project 761889 - New)

\$61,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Study to Determine the IFR Operational Profile of the General Aviation Single-Pilot, Department of Aviation (G. S. Weislogel and G. C. Chapman), 12 September 1979 through 11 October 1980. (Project 761869 - New)

\$60,629.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Discrete Control Modelling of Small Teams, Department of Industrial and Systems Engineering (R. A. Miller), 1 October 1979 through 30 September 1980. (Project 761348 - Continuation)

\$55,292.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1979 through 31 August 1980. (Project 763359 - Continuation)

\$54,480.00 - Appalachian Regional Commission, Washington, D. C., Feeder Livestock Marketing Program in Appalachia, Ohio, Cooperative Extension Service/Field Operations (T. L. Jones), 1 July 1979 through 30 June 1980. (Project 761884 - New)

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$54,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 November 1979 through 31 October 1980. (Project 761108 - Continuation)

\$52,800.00 - National Science Foundation, Washington, D. C., Structural Studies of Small Linear Cluster Models for Metal Surfaces and Catalysts, Department of Chemistry (G. G. Christoph), 1 September 1979 through 31 May 1980. (Project 761853 - New)

\$49,997.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., A Study of Alternative Computer Architectures for System Reliability and Software Simplification, Department of Electrical Engineering (K. J. Breeding), 1 November 1979 through 31 October 1980. (Project 760726 - Continuation)

\$49,984.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Health Clinical Center, Bethesda, Maryland, Volunteers for Participation in Medical Research Project, Department of Entomology (J. D. Briggs) and Colleges of the Arts and Sciences - Administration (J. S. Siegman), 1 October 1979 through 30 September 1980. (Project 761886 - New)

\$48,899.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Fracture Mechanics and Structural Response Investigations Associated with Energy Response Recovery, Department of Engineering Mechanics (S. H. Advani and T. Richard), 1 October 1979 through 30 September 1980. (Project 761888 - New)

\$48,531.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Control of Air Blast and Excessive Ground Vibrations from Blasting by Use of Efficient Stemming, Department of Civil Engineering (C. Konya) and Department of Chemical Engineering (D. R. Skidmore), 1 October 1979 through 30 September 1980. (Project 761890 - New)

\$47,000.00 - National Science Foundation, Washington, D. C., Theoretical Nuclear Physics, Department of Physics (B. Mulligan), 1 September 1979 through 31 August 1981. (Project 761826 - New)

\$46,770.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Automated Blast Hole Logging and Design, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761893 - New)

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$45,000.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Children's Planning Cohesion in Three Modes of Discourse: Interactive Speech, Dictation and Writing, Academic Faculty of Early and Middle Childhood Education (M. King) and Academic Faculty of Humanities Education (V. Rentel), 1 September 1979 through 31 August 1980. (Project 761861 - New)

\$42,993.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Instructional Unit Development, School of Allied Medical Professions (R. J. Atwell and D. C. Broski), 1 October 1979 through 30 September 1980. (Project 761393 - Continuation)

\$38,000.00 - Agency for International Development, Washington, D. C., Financial Sector Assessments for U. S. AID/Bolivia, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 27 June 1979 through 30 November 1979. (Project 761881 - New)

\$37,460.00 - National Science Foundation, Washington, D. C., Natural History and Classification of the Cleroidea, Department of Entomology (G. Ekis), 15 September 1979 through 30 September 1981. (Project 761866 - New)

\$37,029.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Characterization of Ohio Limestones to Determine Potential Use in Control of Coal Emissions, Engineering Experiment Station (C. Konya), 1 October 1979 through 30 September 1980. (Project 761892 - New)

\$28,040.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 October 1979 through 30 June 1980. (Project 761394 - Continuation)

\$28,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Ohio State University Law School Clinical Experience Program, College of Law (C. Thompson), 1 September 1979 through 31 August 1980. (Project 761840 - New)

\$25,803.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Properties of Skeletal Muscle in Alloxan Diabetes, Department of Physiology (J. A. Grossie), 1 September 1979 through 31 August 1980. (Project 761345 - Continuation)

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$25,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Surface Ship Target Classification Using High Frequency Multi-Frequency Radar, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski and E. K. Walton), 1 September 1979 through 29 February 1980. (Project 761836 - New)

\$24,917.00 - National Science Foundation, Washington, D. C., A Study of Technical Assistance to Appropriate Technology Practitioners by Educational Institutions, Graduate School, Program for Energy Research, Education, and Public Service (P. S. Hoover), 1 September 1979 through 31 August 1980. (Project 761865 - New)

\$20,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Utilization of Range and Range-Difference Observations in Geodynamics, Department of Geodetic Science (I. I. Mueller), 19 September 1979 through 31 March 1980. (Project 761882 - New)

\$15,940.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Training in Information Analysis and User Services Related to Energy Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 30 September 1979 through 31 December 1979. (Project 761083 - Continuation)

\$15,215.00 - National Science Foundation, Washington, D. C., Selective Herbivory in *Sciurus*, Department of Zoology (R. C. Farentinos), 30 August 1979 through 31 December 1979. (Project 760605 - Continuation)

\$14,900.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 6 September 1979 through 31 July 1980. (Project 760834 - Continuation)

\$9,999.00 - Department of Agriculture, Forest Service, Washington, D. C., Techniques for the Study of Primary Cavity Nesters, Department of Zoology (T. C. Grubb, Jr.), 15 August 1979 through 30 December 1980. (Project 761844 - New)

\$9,942.00 - Department of Labor, Employment and Training Administration, Division of Labor Market Information, Washington, D. C., National Symposium on Information for Training and Vocational Guidance in the United States with Special Emphasis on the U. S. System of Labor Market Information, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 December 1979. (Project 761852 - New)

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$6,743.00 - Department of the Air Force, Air Force Contract Management Division/PKBD, Kirtland Air Force Base, New Mexico, Analysis of Aero-Optical Turbulence Measurements, Department of Electrical Engineering, ElectroScience Laboratory (C. Levis), 11 September 1979 through 31 October 1979. (Project 761862 - New)

\$5,331.00 - Agency for International Development, Washington, D. C., Rural Poor Survey in El Salvador: Landless, Women and Off-Farm Employment, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and W. L. Flinn), 1 September 1979 through 29 January 1980. (Project 761220 - Continuation)

\$3,789.00 - National Science Foundation, Washington, D. C., Dissertation Research - Phloem Anatomy of Pennsylvanian Age Plants, Department of Botany (T. N. Taylor and E. L. Smoot), 1 September 1979 through 28 February 1981. (Project 761855 - New)

\$2,500.00 - Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. C. Rothenbuhler), 1 July 1979 through 30 June 1980. (Project 760706 - Continuation)

\$2,446.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 October 1979 through 30 June 1980. (Project 761395 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$4,091,577.00
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**State of Ohio Research Contracts/Grants**

\$294,421.00 - State of Ohio, Department of Education, Division of School of Finance, Driver Education Section, Columbus, Ohio, The Development and Production of Five Driver Education Curriculum Guides and Three Technical Research Papers, National Center for Research in Vocational Education (R. E. Taylor), 18 September 1979 through 30 June 1980. (Project 761872 - New)

\$147,657.00 - Ohio Department of Energy, Columbus, Ohio, Pilot Energy Extension Service for Ohio, Cooperative Extension Service (P. R. Thomas), 1 October 1979 through 30 September 1980. (Project 761868 - Continuation)

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### State of Ohio Research Contracts/Grants (contd)

\$58,177.00 - Ohio Air Quality Development Authority, Columbus, Ohio, Development and Demonstration of an Adaptive System to Analyze and Forecast the Capacity of the Air Environment in Relation to Industrial Activity in Ohio, School of Public Administration (W. Gorr), 1 October 1979 through 30 September 1980. (Project 761896 - Continuation)

\$40,300.00 - State of Ohio, Department of Education, Division of School of Finance, Driver Education Section, Columbus, Ohio, Ohio Driver Education Administrators, Teachers, and Laboratory Aide Instructors Workshop - 1979, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 October 1979. (Project 761849 - New)

\$28,200.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Physical Medicine (R. Weber), 1 July 1979 through 30 June 1980. (Project 761535 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS

\$568,755.00

#### Industrial, Private and Other Non-Federal Research Contracts/Grants

\$245,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 29 August 1979 through 31 December 1979. (Project 760982 - Continuation)

\$135,817.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, School Age Classes, Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1979 through 31 August 1980. (Project 761790 - Continuation)

\$85,000.00 - Ayerst Laboratories, New York, New York, Comparison of Q. D. and B. I. D. Dosing Schedules of Inderal with Inderal Q. I. D. and Placebo in the Treatment of Angina Pectoris and Effect of Inderal on Myocardial Perfusion and B-Adrenergic Receptors, Department of Medicine (H. Boudoulas), 1 August 1979 through 31 July 1980. (Project 761721 - New)

\$64,824.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D. C., A Proposal for the Continuation of the Kendall Demonstration Elementary School Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1979 through 29 September 1980. (Project 761895 - Continuation)

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$62,160.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Preschool Classes, Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1979 through 31 August 1980. (Project 761791 - Continuation)

\$55,000.00 - Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (F. A. Kulacki), 1 November 1979 through 31 December 1979. (Project 761731 - Continuation)

\$52,327.00 - Associated Builders and Contractors, Inc., Washington, D. C., Associated Builders and Contractors Instructional Materials Development Project, Academic Faculty of Industrial Technology (D. G. Lux), 1 September 1979 through 31 August 1980. (Project 761847 - New)

\$49,158.00 - Vita Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (D. J. Tosi), 1 July 1979 through 30 June 1980. (Project 761838 - New)

\$44,634.00 - The Kroc Foundation, Santa Ynez, California, Ultrastructural Immunocytochemical Localization of P2 Protein in Peripheral Nervous System, Department of Pathology (J. R. Mendell), 1 October 1979 through 31 December 1981. (Project 761859 - New)

\$42,670.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Early Training Classes, Nisonger Center for Mental Retardation (D. C. Cavin), 1 September 1979 through 31 August 1980. (Project 761792 - Continuation)

\$40,000.00 - Electric Power Research Institute, Palo Alto, California, The Effects of BWR Deaeration on the General and Localized Corrosion of Plain Carbon and Low Alloy Steel, Department of Metallurgical Engineering (D. D. Macdonald, S. Smialowski and S. Pednekar), 6 September 1979 through 31 December 1979. (Project 761870 - New)

\$27,500.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, Membership in the Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 761867 - Continuation)



## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$24,200.00 - National Foundation - March of Dimes, White Plains, New York, Regulation of Dihydrofolate Reductase Gene Expression in Resting and Growing Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 September 1979 through 31 August 1980. (Project 761289 - Continuation)

\$21,450.00 - Franklin County Halfway House, Inc. (d.b.a. Alvis House), Columbus, Ohio, Production Training Center Feasibility Study, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 January 1980. (Project 761851 - New)

\$19,950.00 - The University of the State of New York, The State Education Department, Albany, New York, Consortium for the Development of Professional Materials for Vocational Education - Albany, New York, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 August 1980. (Project 761883 - Continuation)

\$19,020.00 - U. S. - Spanish Joint Committee for Scientific and Technological Cooperation, Madrid, Spain, Paleomagnetic Study of Upper Carboniferous Coal-Bearing Strata in Northwest Spain, Department of Geology and Mineralogy (H. C. Noltmeyer), 1 July 1979 through 30 June 1980. (Project 761703 - Continuation)

\$14,376.00 - The Aerospace Corporation, Los Angeles, California, Moment Method Antenna Analysis Techniques, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 1 September 1979 through 14 August 1980. (Project 761875 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Pharmacological Action of Nitroprusside, Department of Biochemistry (G. E. Means), 1 October 1979 through 30 September 1980. (Project 761677 - New)

\$10,933.00 - The Huron Institute, Cambridge, Massachusetts, Effects of Vocational Education on Participants: A Review of Time or Area Specific Studies Published Since 1968, National Center for Research in Vocational Education (R. E. Taylor), 4 September 1979 through 15 February 1980. (Project 761864 - New)

\$9,000.00 - North Central Technical Institute, Wausau, Wisconsin; Durham Technical Institute, Durham, North Carolina; Linn-Benton Community College, Albany, Oregon; Dallas County Community College, Dallas, Texas; Western Wisconsin Technical Institute, LaCrosse, Wisconsin; Milwaukee Technical College, Milwaukee, Wisconsin; Trident Technical College, Charleston, South Carolina; State Fair Community College, Sedalia, Missouri; Hocking Technical College, Nelsonville, Ohio, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$6,200.00 - General Foods Corporation, White Plains, New York, Evaluation of Semi-Moist Food Formulae for Susceptibility to Mite Infestation, Department of Entomology (D. E. Johnston), 1 May 1979 through 30 April 1980. (Project 761807 - Continuation)

\$6,004.00 - Ohio Dominican College, Columbus, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services and Academic Faculty of Educational Administration (R. F. Rodgers), 26 August 1979 through 31 May 1980. (Project 761841 - New)

\$6,000.00 - Cornerstone: Corporation for Human Development Program, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 September 1979 through 30 June 1980. (Project 761839 - New)

\$5,100.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services and Academic Faculty of Educational Administration (R. F. Rodgers), 26 August 1979 through 15 June 1980. (Project 761858 - New)

\$5,000.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, General Aviation Propeller (GAP) Program Aerodynamic Analyses, Department of Aeronautical and Astronautical Engineering (G. Gregorek and K. Korkan), 1 February 1979 through 30 September 1979. (Project 761533 - Continuation)

\$4,440.00 - Capital University, Columbus, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services and Academic Faculty of Educational Administration (R. F. Rodgers), 30 July 1979 through 30 May 1980. (Project 761842 - New)

\$2,989.00 - McDonnell Douglas Corporation, Saint Louis, Missouri, Antenna Pattern Test of Low RCS Antenna Configuration, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 28 August 1979 through 30 September 1979. (Project 761835 - New)

\$748.85 - DASI Industries, Inc., Chevy Chase, Maryland, Enzymatic Activity in Sterile Milk Products, Department of Food Science and Nutrition (G. W. Chism, III), 1 November 1977 through 31 January 1979. (Project 760911 - Continuation)

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$681.00 - Gallaudet College, Washington, D. C., Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 October 1979. (Project 768021 - New)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$1,071,181.85</b>
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**ENGINEERING EXPERIMENT STATION**

**Federal Sponsored Research and Development**

\$1,700.00 - NHTSA, Vehicle Research and Test Center, East Liberty, Ohio, for a development project, Transplex research area.

**State Supported Research and Development**

\$8,000.00 - Various states in the Eastern Field Center, for use of the TRCO Skid Pad Test Facility, Transplex research area.

**Industrial and Other Sponsored Research and Development**

\$251,208.00 from various sponsors for 29 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$74,537.00 - Eli Lilly and Company, Indianapolis, Indiana: \$39,250.00 for The Clinical Pharmacology of Dobutamine-Eli Lilly Company; \$27,787.00 for the Cardiovascular Research (Leier); and \$7,500.00 for the Cardiovascular Research Fund.

\$26,720.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$20,000.00 - Mr. John F. Moxley, Westfield Center, Ohio, for the John F. Moxley Fund in Natural Resources.

\$15,150.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$15,000.00 - Mansfield University Foundation, Mansfield, Ohio, for the Mansfield Campus Scholarship Fund.

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$14,220.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Clinical Pharmacology Fund.

\$13,500.00 - The City Loan and Savings Company, Lima, Ohio, for the WOSU Support Fund.

\$13,105.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$13,000.00 - The Samuel Mendel Melton Foundation, Columbus, Ohio, for the Curriculum Development Workshop.

\$12,067.78 - Ohio Farmers Insurance Co., Westfield Center, Ohio, (given in the name of Arthur C. Dannecker, Jr.): \$7,067.78 for the Ohio 4-H Foundation Support Fund and \$5,000.00 for The C. William O'Neill Professorship in Law and Judicial Administration.

\$11,865.00 - Laborers' District Council of Ohio, Columbus, Ohio, for the Peter Fosco/Laborers' District Council of Ohio Scholarship Fund.

\$10,000.00 - The F. & R. Lazarus & Co., Columbus, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$7,282.97 - Retinal Consultants, Inc., OSU, Columbus, Ohio, for the Retina Research Fund.

\$7,226.31 - University Eye Surgeons, Inc., Columbus, Ohio, for the Eye Bank Fund.

\$7,000.00 - Standard Oil Company, Cleveland, Ohio, for the SOHIO Fellowship in Chemistry.

\$6,000.00 - Central Ohio Center for Economic Education, OSU, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Food Management Technology Corporation, Woodbridge, New Jersey, for The Food Ingredient Technology Corporation Graduate Research Fund.

\$5,331.49 - Robert H. Jones, III, Delmar, New York, for the Jones-Hirsch Memorial Scholarship Fund.

\$5,000.00 - Mr. Gerald O. Allen, Shaker Heights, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

November 30, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Gifts of \$5,000 or More (contd)

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$5,000.00 - John Deaver Drinko, Cleveland, Ohio, for the C. William O'Neill Professorship in Law and Judicial Administration.

\$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for the Drs. M. Henry and Myron E. Speck Fund.

#### Establishment of Named Funds

##### The Sidney L. Pressey Honors Program Endowment Fund

The Sidney L. Pressey Honors Program Endowment Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Sidney L. Pressey, Professor Emeritus in the Department of Psychology.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income, and principal if deemed necessary, is to be used to support and assist the University-wide honors program in, but not limited to, such activities and functions as providing scholarships and research funds for honors students; supplementary programs, conferences, and lectures; student travel related to study; and purchase of materials, supplies, and capital items for which funds may otherwise not be available. In accord with the grantor's preferences, priority will be given to projects that directly benefit students or that foster ideas, programs, and projects which are creative, innovative, or experimental. Expenditures are to be made upon recommendation of the University's administrative official who is directly responsible for programs for undergraduate students of superior academic ability and achievement.

Should it become impossible or impractical to use the income and/or principal for the purposes stated above, then the income and principal shall be used in the area of student financial aid.

##### The Wayne and Jane Dalton Scholarship Fund

The Wayne and Jane Dalton Scholarship Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mr. and Mrs. Wayne Dalton, Wakeman, Ohio.

November 30, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Wayne and Jane Dalton Scholarship Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest or reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students majoring in Dairy Science. Selection of the recipient(s) is to be made by a committee consisting of the Chairperson of the Department of Dairy Science or his/her designee, a representative of the Office of the Dean of the College of Agriculture and Home Economics, and Mr. and/or Mrs. Dalton or their designee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics, who will keep in mind the intent of Mr. and Mrs. Dalton in endowing the fund.

##### **C. Emory and Frances C. Glander Fund**

WHEREAS the family, friends, and former students of the late C. Emory Glander, have made gifts to the Development Fund in memory of Mr. Glander, a distinguished alumnus of the College of Arts and Sciences and of the College of Law, an adjunct member of their faculties for more than 43 years, the former National President of The Ohio State University Association, as well as Tax Commissioner of Ohio and a long-time practitioner of tax law; and

WHEREAS the family, friends and former students wish these gifts to be used to endow a fund to benefit the College of Law; and

WHEREAS it is deemed particularly fitting as a memorial to the life, work and teaching of Mr. Glander, which was so enhanced by Mrs. Glander over their long life together, that the income from this fund should be used to build and maintain a distinguished library of books and other research materials in the field of taxation in the College of Law Library; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS should the need for books and other research materials in the field of taxation cease to exist or so diminish as to provide unused income, then the income may be used for

November 30, 1979 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**C. Emory and Frances C. Glander Fund (contd)**

any purpose recommended by the Dean of the College of Law, or if no such position then exists, for any purpose related to legal education as determined by the Board of Trustees:

**NOW THEREFORE**

**BE IT RESOLVED**, That the "C. Emory and Frances C. Glander Fund" be established in accordance with the wishes of the donors.

**The Newman Endowed Scholarship in Forestry**

The Newman Endowed Scholarship in Forestry was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Ralph and Anne Newman.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for sophomore, junior, or senior students majoring in forestry in the College of Agriculture, School of Natural Resources. Preference will be given to those students interested in land reclamation through reforestation and will be based on the applicant's ability, character, and financial need. Selection of the recipient will be made by the University Committee on Student Financial Aids based on recommendations made by the scholarship committee of the School of Natural Resources.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the School of Natural Resources.

November 30, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$498,042.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Guidance Team Training Program with Emphasis on Guidance for Vocations and Learners with Special Needs, National Center for Research in Vocational Education (R. E. Taylor), 29 September 1979 through 28 September 1981. (Project 761914 - New)

\$300,000.00 - Environmental Protection Agency, Washington, D. C., The Clinical Pharmacology and Toxicology of Chlorine Dioxide and Its Products: A Comparison of Tolerance and Safety in Animals and Human Volunteers, Department of Pharmacology (J. R. Bianchine and D. Couri), 1 November 1979 through 31 October 1980. (Project 761194 - Continuation)

\$230,500.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 October 1979 through 30 September 1980. (Project 760919 - Continuation)

\$210,000.00 - Environmental Protection Agency, Washington, D. C., Chemical Carcinogen Induced Neoplastic Transformation of Human Epithelial Cells, Department of Physiological Chemistry (G. E. Milo), 1 October 1979 through 30 September 1982. (Project 761904 - New)

\$205,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Cancer in Cats, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover) and Department of Microbiology (P. C. Kimball), 1 October 1979 through 30 September 1980. (Project 761417 - Continuation)

\$167,379.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Purchase of NMR Spectrometer for Core User Group, Department of Chemistry (D. Horton), 28 September 1979 through 31 August 1980. (Project 761911 - New)

\$132,856.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Interdisciplinary Health Care for the Aged, Department of Pathology (L. Liss), 1 October 1979 through 30 September 1980. (Project 761918 - New)

\$120,956.00 - Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Study to Develop an Experimental Disease Model in Horses, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 28 September 1979 through 27 June 1980. (Project 761916 - New)



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## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$102,822.00 - Department of Health, Education, and Welfare, Social Security Administration, Baltimore, Maryland, Limitation in Function and Disability, Mershon Center for Education in National Security (S. Z. Nagi), 1 October 1979 through 30 September 1980. (Project 761717 - Continuation)

\$101,019.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Special Services Program for Disadvantaged Students, University College Administration (M. A. Stewart), 1 September 1979 through 31 August 1980. (Project 761887 - New)

\$99,920.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Long Bone and Joint Response to Mechanical Loading (Biomechanics of Flail Injuries), Department of Engineering Mechanics (A. E. Engin), 1 October 1979 through 30 September 1980. (Project 761590 - Continuation)

\$75,411.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Traineeship), College of Social Work (R. O. Washington), 1 July 1979 through 30 June 1980. (Project 761874 - New)

\$75,401.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Theoretical Foundations of Software Technology, Department of Computer and Information Science (B. Chandrasekaran, L. J. White and H. W. Buttelmann), 1 October 1979 through 30 June 1980. (Project 761640 - Continuation)

\$71,870.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Organization of Social Information, Department of Psychology (T. M. Ostrom and J. B. Pryor), 1 October 1979 through 30 September 1980. (Project 761438 - Continuation)

\$70,625.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Studies of Trailing Edge Flows, Department of Aeronautical and Astronautical Engineering (S. L. Petrie and K. Korkan), 1 February 1980 through 31 January 1981. (Project 761016 - Continuation)

\$70,179.00 - Agency for International Development, Washington, D. C., Savings Mobilization Campaign - Peru, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 15 July 1979 through 14 July 1981. (Project 761929 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$67,850.00 - Agency for International Development, Washington, D. C., Thailand Rural Off-Farm Employment Project, Department of Agricultural Economics and Rural Sociology (D. H. Boyne), 15 August 1979 through 14 August 1981. (Project 761898 - New)

\$67,623.00 - Agency for International Development, Washington, D. C., A Cooperative Agreement between the Rural Development Office, Technical Assistance Bureau, Agency for International Development and Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 1 July 1979 through 30 June 1980. (Project 760927 - Continuation)

\$66,729.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Chromatin in Spermatogenesis and Fertilization, Department of Veterinary Pathobiology (K. Marushige), 30 September 1979 through 31 August 1980. (Project 761910 - New)

\$66,139.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Work Behavior of Retirement Age Males, Department of Economics (D. O. Parsons), 29 September 1979 through 31 August 1980. (Project 761913 - New)

\$65,238.00 - Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, Atlanta, Georgia, Laboratory Training Program, Department of Pathology (J. A. Lott and G. F. Grannis), 18 September 1979 through 17 March 1981. (Project 761905 - New)

\$60,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Investigation of the Boundary Layer Behavior on Turbine Airfoils, Department of Mechanical Engineering (L. S. Han), 1 October 1979 through 30 September 1980. (Project 761650 - Continuation)

\$59,861.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Citizen Education for Cultural Understanding, Mershon Center for Education in National Security (R. Remy), 1 October 1979 through 30 September 1980. (Project 761915 - New)

\$56,634.00 - National Aeronautics and Space Administration, Washington, D. C., Investigation of Infrared Spectra of Atmospheric Gases to Support Stratospheric Spectroscopic Investigations, Department of Physics (J. H. Shaw), 1 November 1979 through 31 October 1980. (Project 761420 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$55,793.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Teaching), College of Social Work (R. O. Washington), 1 October 1979 through 30 September 1980. (Project 761880 - New)

\$53,675.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., The Influence of Chemical Contaminants and Food Stress of Endocrine Control of Mourning Dove Courtship and Reproductive Behavior, Department of Zoology (T. J. Peterle and T. A. Bookhout), 1 September 1979 through 30 September 1982. (Project 761355 - Continuation)

\$50,000.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, A Synergistic Investigation of the Infrared Water Vapor Continuum, Department of Electrical Engineering, ElectroScience Laboratory (R. K. Long and R. J. Nordstrom), 1 October 1979 through 30 September 1980. (Project 760653 - Continuation)

\$47,499.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 15 September 1979 through 31 August 1980. (Project 761909 - New)

\$46,847.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Division of Sensory Biophysics (C. R. Ingling, Jr.), 30 September 1979 through 29 September 1980. (Project 761926 - New)

\$44,508.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., The Electrophysiologic Mechanisms of Halogenated Alkane Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 October 1979 through 30 June 1980. (Project 761648 - Continuation)

\$41,851.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 October 1979 through 30 June 1980. (Project 761657 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$40,803.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Studies on the Synthesis of Boron Hydride Systems, Department of Chemistry (S. Shore), 1 October 1979 through 30 September 1980. (Project 761119 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 October 1979 through 30 September 1980. (Project 760657 - Continuation)

\$35,499.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Education of the Handicapped, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 August 1979 through 30 June 1980. (Project 761774 - Continuation)

\$31,997.00 - National Science Foundation, Washington, D. C., Biosystematics and Biogeography of Eleodes, Department of Entomology (C. A. Triplehorn), 15 October 1979 through 31 October 1981. (Project 761928 - New)

\$31,821.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station (E. A. Whitehurst), 1 October 1979 through 30 November 1979. (Project 760347 - Continuation)

\$30,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Thermally Controlled Boundary Layer Technology, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 October 1979 through 31 March 1980. (Project 761635 - Continuation)

\$27,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, Division of Continuing Education, College of Administrative Science (C. J. Slanicka and R. M. Montgomery), 1 October 1979 through 30 September 1980. (Project 761381 - Continuation)

\$15,464.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, National Workshop on Nutrition and CCS-SSIDC Programs, Nisonger Center for Mental Retardation (B. A. W. Kozlowski), 1 October 1979 through 30 September 1980. (Project 761917 - New)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$14,387.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, National Conference on Social Content of UAF Core Curricula, Nisonger Center for Mental Retardation (J. J. Parnicky), 1 October 1979 through 30 September 1980. (Project 761919 - New)

\$13,410.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Workshop on Neurodevelopmental Treatment, Nisonger Center for Mental Retardation (M. Chase), 1 October 1979 through 30 September 1980. (Project 761921 - New)

\$11,798.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration on Aging, Washington, D. C., Activity to Support and Strengthen Education through Retired Technicians, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1979 through 31 December 1979. (Project 761357 - Continuation)

\$8,580.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Social Work Education for Community Mental Health, College of Social Work (R. O. Washington), 1 October 1979 through 30 June 1980. (Project 761137 - Continuation)

\$8,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1979 through 1 March 1980. (Project 760628 - Continuation)

\$7,871.00 - Department of Energy, Washington, D. C., Granville/Newark/Southwest Licking Schools In-Service Energy Education, Academic Faculty of Early and Middle Childhood Education (L. Holt), 3 August 1979 through 2 August 1980. (Project 761927 - New)

\$6,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant Programs, Rockville, Maryland, The Ohio Sea Grant Program Proposal, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1979 through 31 August 1980. (Project 761831 - Continuation)

\$5,684.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Modeling of Human Joint Structures, Department of Engineering Mechanics (A. E. Engin), 1 October 1979 through 17 February 1980. (Project 761007 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$5,404.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Noncontingency on Learning and Memory, Department of Psychology (D. D. Wickens), 1 September 1978 through 31 December 1979. (Project 760538 - Continuation)

\$4,522.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 19 September 1979 through 30 June 1980. (Project 760710 - Continuation)

\$4,225.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Instructional Unit Development, School of Allied Medical Professions (R. J. Atwell and D. C. Broski), 1 October 1979 through 30 September 1980. (Project 761393 - Continuation)

\$2,679.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions (F. M. Pierson), 1 July 1979 through 30 June 1980. (Project 760720 - Continuation)

\$1,776.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 October 1979 through 30 June 1980. (Project 761394 - Continuation)

\$155.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 October 1979 through 30 June 1980. (Project 761395 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$3,729,302.00**

**State of Ohio Research Contracts/Grants**

\$112,000.00 - State of Ohio, Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Coordination of Consultation and Training Services Among University Affiliated Facilities in Ohio, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1979 through 30 September 1980. (Project 761906 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### State of Ohio Research Contracts/Grants (contd)

\$100,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science (R. L. Racster), 1 July 1979 through 30 June 1980. (Project 761924 - Continuation)

\$73,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine (E. W. Johnson), 1 October 1979 through 30 September 1980. (Project 761328 - Continuation)

\$55,995.00 - State of Ohio, Department of Education, Driver Education Section, Division of School Finance, Columbus, Ohio, The Research and Developing of a Driver and Traffic Safety Education Energy Conservation Curriculum Guide, National Center for Research in Vocational Education (R. E. Taylor) 24 August 1979 through 30 May 1980. (Project 761846 - New)

\$41,947.21 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continued Development and Demonstration of a Habilitative Program for Disturbed Retarded Institutional Residents, Nisonger Center for Mental Retardation (B. Edmonson), 19 September 1979 through 30 June 1980. (Project 761879 - Continuation)

\$9,000.00 - The Ohio Program in the Humanities, Columbus, Ohio, "Off the Job": The Ohio Labor History Film Project, College of Administrative Science, Division of Continuing Education (C. J. Slanicka and D. B. Patton), 1 October 1979 through 31 January 1980. (Project 761922 - New)

\$500.00 - The Ohio Arts Council, Columbus, Ohio, Arts of the Book Workshop: "Washi or Japanese Handpapermaking Lecture, Demonstration, and Printing on the Handpress," Department of Art Education (K. Marantz), 14 September 1979 through 31 October 1979. (Project 761931 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 392,442.21**

#### Industrial, Private and Other Non-Federal Research Contracts/Grants

\$99,414.00 - University of Cincinnati, Cincinnati, Ohio, Planning, Development and Operation of An Area Health Education Centers Program (AHEC), College of Medicine - Administration (M. Tzagournis and G. L. Trzebiatowski), 1 October 1979 through 29 September 1980. (Project 761923 - Continuation)

\$91,732.00 - University of Illinois, Champaign, Illinois, Region V Child Welfare Training Center, College of Social Work (N. Rindfleisch), 30 September 1979 through 29 September 1980. (Project 761930 - New)

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$70,802.00 - Electric Power Research Institute, Inc., Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 1 August 1979 through 31 December 1979. (Project 760604 - Continuation)

\$55,327.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1979 through 31 August 1980. (Project 760590 - Continuation)

\$37,500.00 - Philadelphia Public Schools, Philadelphia, Pennsylvania, Membership in the Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 761925 - Continuation)

\$27,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination: The Effect of Age, Institute for Research in Vision (O. M. Blackwell and H. R. Blackwell), 1 July 1979 through 30 June 1980. (Project 760716 - Continuation)

\$24,552.00 - Phi Delta Kappa, Bloomington, Indiana, School-Community Co-operating in Reducing Discipline Problems, Academic Faculty of Foundations and Research (W. W. Wayson), 15 September 1979 through 14 September 1980. (Project 761857 - New)

\$22,800.00 - Pfizer Pharmaceuticals, Pfizer, Inc., New York, New York, Minizide<sup>R</sup> in the Treatment of Essential Hypertension, Department of Medicine (M. Tzagournis and T. G. Skillman), 1 September 1979 through 31 August 1980. (Project 761933 - New)

\$18,000.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Petroleum in Tundra Soils: Movement within the Soil and Effects on Soil Chemical and Physical Characteristics, Institute of Polar Studies, Graduate School, and Department of Agronomy (K. R. Everett), 1 October 1979 through 30 September 1980. (Project 760271 - Continuation)

\$16,530.00 - Philip Morris Research Center, Richmond, Virginia, Analgesic and Other Behavioral Effects of Nicotine, Department of Psychology (G. G. Berntson), 1 September 1979 through 31 August 1980. (Project 760715 - Continuation)



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## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$14,000.00 - World Health Organization, 1211 Geneva 27, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1979 through 30 June 1980. (Project 760113 - Continuation)

\$11,936.13 - Elsa U. Pardee Foundation, Midland, Michigan, Tumor Immunotherapy with Chemically Modified Bleomycin, Department of Pathology (R. F. Barth), 1 August 1979 through 30 April 1980. (Project 761796 - New)

\$10,000.00 - World Health Organization, 1211 Geneva 27, Switzerland, Characterization of the B-hCG Peptide Conjugate Immune Response in Baboons and Rabbits (Task Force on Immunological Methods of Fertility Regulation), Department of Medical Microbiology (R. W. Lang), 1 January 1979 through 31 December 1979. (Project 761529 - Continuation)

\$9,385.00 - Appalachian Engineers, Charleston, West Virginia, The Distribution of Naiad Mollusks in Specified Areas of the Kanawha River Above Charleston, West Virginia, Department of Zoology (D. H. Stansbery), 15 September 1979 through 14 September 1980. (Project 761903 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Neutrophil Specific Antibody in Granulocyte Transfusion Therapy, Department of Pathology (M. S. Kennedy), 1 November 1979 through 31 October 1980. (Project 761920 - New)

\$5,810.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 20 September 1979 through 19 October 1979. (Project 761877 - Continuation)

\$4,900.00 - City of Columbus, Department of Energy and Telecommunication, Columbus, Ohio, A Proposal to Review Various Energy Audit Techniques for the City of Columbus, Program for Energy Research, Education, and Public Service, Graduate School (R. E. Bailey), 1 September 1979 through 30 November 1979. (Project 761908 - New)

\$3,653.06 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry (C. W. Conroy), 1 July 1978 through 30 June 1979. (Project 760029 - Continuation)

\$3,013.22 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry (W. A. Zacherl), 1 July 1978 through 30 June 1979. (Project 762065 - Continuation)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$2,840.00 - The National Alliance of Businessmen, Columbus Metro, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services, (H. J. Peters), 1 September 1979 through 31 March 1980. (Project 761907 - Continuation)

\$2,387.00 - Southeastern Center for Electrical Engineering Education, Inc., Orlando, Florida, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics (L. C. Brown), 1 July 1979 through 31 December 1979. (Project 760734 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 537,581.41</b>
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**ENGINEERING EXPERIMENT STATION**

**State Sponsored Research and Development**

\$75,611.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Measured Rate Telephone Service, National Regulatory Research Institute, July 1, 1979 through December 31, 1979. (EES 595/529075)

\$34,857.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Municipal Gas Rates, National Regulatory Research Institute, July 1, 1979 through October 31, 1979. (EES 594/529074)

\$13,052.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Columbus and Southern Ohio Electric Testimony, National Regulatory Research Institute, July 1, 1979 through November 15, 1979. (EES 596/529076)

\$8,994.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for Alternate Coal Conversion Technologies, National Regulatory Research Institute, July 1, 1979 through July 31, 1979. (EES 593/529073)

<b>TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT</b>	<b>\$132,514.00</b>
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**Industrial and Other Sponsored Research and Development**

\$40,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, for Study of Electrostatic DC Fields in Converter Stations, Department of Electrical Engineering, October 1, 1979 through March 31, 1980. (EES 571/529051, Extension No. 1)

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industrial and Other Sponsored Research and Development (contd)**

\$24,090.00 - City of Columbus, Columbus, Ohio, for Elimination of Filamentous Blue-Green Algae at the Southerly Sewage Treatment Plant, Department of Civil Engineering, October 12, 1979 through October 11, 1980. (EES 547/529027, Extension No. 3)

<b>TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT</b>	<b>\$64,090.00</b>
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**Sponsored Development Projects**

\$65,085.00 from various sponsors for 30 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$79,776.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.

\$60,000.00 - M. H. Brown, Lancaster, Ohio, for The M. H. Brown Family Endowed Scholarship Fund.

\$44,000.00 - Ohio Lions Eye Research Foundation, Columbus, Ohio: \$26,000.00 for the Ohio Lions Club Blindness Research Fund and \$18,000.00 for the Institute for Research in Vision.

\$35,000.00 - Sidney L. Pressey Trust, Columbus, Ohio, for the Sidney L. Pressey Honors Program Fund.

\$30,479.26 - Estate Under the Will of Thomas R. Murfin, Columbus, Ohio: \$20,000.00 for the Department of Aviation Chairman's Discretionary Fund and \$10,479.26 for the Ohio State National Merit Scholarship Program.

\$30,202.80 - Estate Under the Will of Terrence J. Morse, Pickerington, Ohio, for the College of Law Advancement Fund.

\$25,972.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$20,000.00 - Estate Under the Will of Florence Ogden Wilson, Oklahoma City, Oklahoma, for the Florence O. Wilson Endowment Fund.

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**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$14,568.00 - Owens-Corning Fiberglas Corporation, Newark, Ohio: \$8,318.00 for the WOSU Support Fund and \$6,250.00 for the Owens-Corning Fiberglas Engineering Scholarship Fund.

\$10,000.00 - Dade Diagnostics, Inc., Aguada, Puerto Rico, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$9,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$8,960.03 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$7,636.54 - Moffitt Royalty Trust, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$7,300.00 - Weirton Steel, Weirton, West Virginia, for the National Steel Fellowship in Metallurgical Engineering.

\$6,322.50 - Eastman Kodak Company, Rochester, New York, for the Kodak Scholars Program in Engineering Fund.

\$5,752.00 - Association of American Railroads, Chicago, Illinois, for the Railroad Safety Research Fellowship.

\$5,590.00 - Edith W. Starin Trust, Columbus, Ohio, for the William Alfred and Edith Wood Starin Fund I.

\$5,020.55 - Estate of Michael Peppe, Columbus, Ohio, for the Michael Peppe-Carl Wirthwein Scholarship Fund.

\$5,000.00 - Buckeye International, Inc., (given in the name of Rowland C. W. Brown), Columbus, Ohio, for the WOSU Support Fund.

\$5,000.00 - Estate Under the Will of Lois (Dora Eloise) Gilmore, Columbus, Ohio, for the Florence Leone Lloyd Scholarship.

\$5,000.00 - The Harry C. Moores Foundation, Gahanna, Ohio, for the WOSU Support Fund.

\$5,000.00 - National Mutual Insurance Company, Columbus, Ohio, for The John W. Galbreath Chair in Real Estate.

November 30, 1979 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Gifts-in-Kind

\$206,000.00 - William H. Davis, Columbus, Ohio, 26 shares Arkwood Homes, Inc., Columbus, Ohio, and 26 shares Oakwood Homes, Inc., Columbus, Ohio, to be added to the William H. Davis Professorship in the American Free Enterprise System in the College of Administrative Science.

\$11,850.00 - Industrial Data Terminals Corp., Columbus, Ohio, IDT-100 Color Graphics Terminal plus Auxiliary Equipment for the Department of Chemical Engineering.

\$9,000.00 - WBNS-TV, Columbus, Ohio, Portable Videotape Camera Unit for use in the Office of Public Affairs.

\$5,106.00 - Herbert L. Fenburr, Columbus, Ohio, 100 shares of J. P. Morgan & Co., Inc., stock for the Division of Hematology and Oncology Research Fund.

#### Establishment of Named Funds

##### The June Purcell and Arthur Guild Loan Scholarship Fund

The June Purcell and Arthur Guild Loan Scholarship Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of June Purcell Guild, LL.B. '10, Richmond, Virginia.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide loans or scholarships for the benefit of deserving students in the College of Law. Negro students of merit will be given first consideration.

Should the need for this loan scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for legal education, after consultation with faculty for the benefit of minority students in legal education.

##### Earl B. Poling Graduate Research Fellowship in Agricultural Economics

The Earl B. Poling Graduate Research Fellowship in Agricultural Economics was established November 30, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Mid-East United Dairy Industry Association.

November 30, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Earl B. Poling Graduate Research Fellowship in Agricultural Economics (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the case dictates.

The annual income is to be available to support undergraduate student scholarships or graduate student research in the Department of Agricultural Economics and Rural Sociology in the general areas of dairy marketing, cooperative marketing, and generic promotion as deemed desirable by the department chairperson.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

##### **The Cathleen M. Murnane Travel Scholarship Fund**

The Cathleen M. Murnane Travel Scholarship Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the friends, family, and the estate of Cathleen M. Murnane, Columbus, Ohio, B.A. '72, M.A. '79.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Subsequent gifts made to the fund will be added to the principal each year; the total annual income is to be used to assist in providing qualified graduate students of the Department of History of Art travel expenses for an appropriate travel opportunity which has a direct relationship to the student's course of study at either the master's or doctoral level. The selection of the recipient is to be made upon the recommendation of a faculty committee of the Department of History of Art, subject to the criteria established and in effect between the department and the immediate family of Miss Murnane.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for graduate student travel scholarships, keeping in mind the original intent and purpose of the donors.

November 30, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Dr. Floyd M. Beman Fund**

The Dr. Floyd M. Beman Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Irvin L. Allison and his wife, Helen M. Lyon Allison of Columbus, Ohio, in honor of Floyd M. Beman, M.D., Professor of Medicine, Division of Gastroenterology, The Ohio State University College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used in the Division of Gastroenterology for research, fellowship training, and patient care. Dr. Floyd M. Beman or the chief of the Division of Gastroenterology will determine the specific purposes for which the gift will be used with the approval of the Dean of the College of Medicine.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the appropriate administrative official of the University who is then directly responsible for gastroenterology research, fellowship training, and patient care.

##### **The Blaydes-Meyer Fund**

The Blaydes-Meyer Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Professor Emeritus Glenn W. Blaydes and in honor of Professor Emeritus Bernard S. Meyer, from their families and friends.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a Summer Quarter fund for one or more fellowships for graduate students enrolled in the Department of Botany. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Botany in cooperation with the Dean of the College of Biological Sciences.

Should the need for these graduate fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for botany education.

November 30, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Walter W. Seifert Award**

The Walter W. Seifert Award was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Hill and Knowlton, Inc., in honor of Walter W. Seifert, professor of journalism.

The annual income from this endowed fund is to be used to fund the "Walter W. Seifert Award" each year to the outstanding member of the OSU Chapter of the Public Relations Student Society of America. Selection of this student is to be made by the academic and professional advisors of the Chapter on review by Hill and Knowlton's Managing Director at Chicago.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Should the need for this award cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism education.

##### **Thomas E. Rardin Family Practice Center Fund**

The Thomas E. Rardin Family Practice Center Fund was established November 30, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and other friends of the Department of Family Medicine, The Ohio State University College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The purpose of this fund is for the establishment, construction and maintenance of a facility to be known as the Thomas E. Rardin Family Practice Center. Funds contained therein are to be used to provide all or a portion of the cost of developing, building, equipping and maintaining the proposed center. Principal as well as income may be used for this purpose with the approval of the Chairman of the Department of Family Medicine and the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations made by the Chairman of the Department of Family Medicine.



November 30, 1979 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Optometry Class of 1953 Endowed Scholarship Fund**

The Optometry Class of 1953 Endowed Scholarship Fund was established November 30, 1979, in accordance with the proposal for the Optometry Class of 1953, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the College of Optometry Class of 1953.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for the College of Optometry students, with first preference going to a junior year student(s) who has shown extreme proficiency in the clinical application of optometry. The selection of the recipient(s) is to be made by the University Committee on Student Financial Aids with recommendations from the appointed advisers of the Optometry Class of 1953, so long as they survive, with assistance from the Director of Clinic. Upon the demise of all members of the Optometry Class of 1953, the Dean of the College of Optometry shall assist with the selection process in concert with the Director of Clinic.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Optometry.

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## **PLANS AND SPECIFICATIONS**

Resolution No. 80-51

*Synopsis: Plans and specifications are being proposed for the following projects.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

### **WATER TOWER PAINTING**

Project:	Complete repainting of the interior and exterior of the tower.
Funding:	Budget Account 210134 (Contract Repair 1979-80)
Estimated Project Cost:	\$105,000.00

November 30, 1979 meeting, Board of Trustees

### **PLANS AND SPECIFICATIONS (contd)**

#### **GOLF COURSE DAM - SPILLWAY EXPANSION AND RENOVATION**

Project: Project includes expansion of spillway capacity, new backwall for the dropbox, new retaining walls for the lower chute and asphalt repairs to the low chute.

Funding: Budget Account 316550 (Athletic Revenue)

Estimated Project Cost: \$60,000.00

#### **NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No 80-52

*Synopsis: Contracts have been awarded for the projects enumerated below to the lowest and best bidders in accordance with University procedures.*

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

#### **DODD HALL AND MEANS HALL, EXTERIOR RESTORATION**

Description: Steam cleaning of all masonry surfaces, tuckpointing and all necessary repairs for complete restoration of deteriorated areas. Waterproof coating will be applied after all repairs are made.

November 30, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

**DODD HALL AND MEANS HALL, EXTERIOR RESTORATION (contd)**

**General Contract**

Date Received:	October 31, 1979
No. of Bids:	4
Low Bid:	\$124,344.00
High Bid:	\$219,870.00
Estimate of Cost:	\$161,862.00
Awarded to:	Trisco System, Inc. (Lima, Ohio)
Total Contract:	\$124,344.00
Total Contingency Allowance:	\$ 59,457.42 which is 47 per cent of construction contract
Total Project Cost:	\$186,584.00
Funding:	Budget Account 885105

**WENDELL D. POSTLE HALL, STEAM IMPROVEMENTS**

Description: Remove obsolete and oversized pressure reducing station in utility tunnel and replace with new equipment to meet current requirements for the building.

**Mechanical Contract**

Date Received:	October 16, 1979
No. of Bids:	3
Low Bid:	\$ 57,980.00*
High Bid:	\$ 58,200.00*
Estimate of Cost:	\$ 65,200.00*
Awarded to:	Limbach Company (Columbus, Ohio)
Total Contract:	\$ 57,980.00
Total Contingency Allowance:	\$ 207.66 which is .35 per cent of construction contract
Total Project Cost:	\$ 60,000.00
Funding:	Budget Account 210134 (Contract Repair 1979-80)

\*Recommended alternates reflected in these figures.

November 30, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**PLUMB HALL, WINDOW REPLACEMENT**

Description: Replace deteriorated windows with thermal barrier windows for ongoing energy modification savings.

**General Contract**

Date Received:	September 26, 1979
No. of Bids:	2
Low Bid:	\$ 38,342.00*
High Bid:	\$ 42,900.00*
Estimate of Cost:	\$ 44,000.00
Awarded to:	Raymond E. Kelley, Inc. (Bowmansville, New York) *
Total Contract:	\$ 42,900.00
Total Contingency Allowance:	\$ 2,794.24 which is 7 per cent of construction contract
Total Project Cost:	\$47,000.00
Funding:	Budget Account 210134 (Contract Repair 1979-80)

\*The low bid was in the amount of \$38,342, but this bidder was rejected for failure to have his Bond submitted on the State Form of Bond as required by Section 153.08 of the Ohio Revised Code.

**PAGE HALL, PLATFORM REPAIRS AT NORTH ENTRANCE**

Description: Repair deteriorated concrete and stone.

**General Contract**

Date Received:	October 10, 1979
No. of Bids:	4
Low Bid:	\$ 24,737.00
High Bid:	\$ 38,800.00
Estimate of Cost:	\$ 32,000.00
Awarded to:	The Righter Company (Columbus, Ohio)

November 30, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**PAGE HALL, PLATFORM REPAIRS AT NORTH ENTRANCE (contd)**

Total Contract:                   \$ 24,737.00

Total Contingency Allowance: \$ 9,325.14 which is 40 per cent of construction contract

Total Project Cost:               \$ 35,000.00

Funding:                         Budget Account 210134 (Contract Repair 1979-80)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Mr. Havens:

Tom, I guess they had an estimate of cost on, I think, Dodd Hall of \$161,000. Of course, you got a low bid there with a 47 per cent contingency allowance. How come the contingency allowance would be so high?

Mr. Tom Smith:

Well, Mr. Havens, we would have liked to have had more work included in the contract than we had initially bid. When we looked at the bids, the next bidder was \$183,000 and we were fearful we were not going to get a satisfactory bid, so we diminished the amount of work initially included. Hopefully, we are going to add some work that we would like to do but did not include in the base bid.

Mr. Havens: Would that same thing hold true for Page Hall?

Mr. Tom Smith:

Well, this one, we're not sure what we are going to get into when we deal with taking out that old floor in there, and we might have some unknown conditions. I hope not to spend that contingency, but this again was a safety measure.

Mr. Havens:

You had one of them in there, Plumb Hall, where if the bidder didn't have the bond and went to the--

Mr. Tom Smith:

It went to the second bidder, but it was still within the estimate. He was improperly bonded.

November 30, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

Mr. Havens:

That's a difference of \$4,500. What was wrong with his bond, was he not used to bidding, didn't have a bond, couldn't get a bond?

Mr. Tom Smith:

This was a problem that the Division of Public Works called to our attention. They take the bids for us and do the contracting, and they recommended that it not be awarded to him on account of deficiency in the bid.

Mr. Jackson:

Most times the Department of Public Works would not know whether he was able to get a bond or whether he just didn't try or what, but it's a deficiency.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**TRAVEL POLICIES**

Resolution No. 80-53

*Synopsis: Revision of University Travel Policies is being proposed.*

WHEREAS, the Office of Budget and Management has amended Rule 126-1-02 of the Administrative Code to increase the maximum reimbursement allowance for meals, lodging, and mileage for travel within Ohio by State employees on official business; and

WHEREAS, it is recommended that The Ohio State University's reimbursement rates for travel be revised to be consistent with those permitted under the rules adopted by the Office of Budget and Management and as recommended by the University's Office of Business and Administration:

**NOW THEREFORE**

BE IT RESOLVED, That the revised University travel policies and reimbursement rates, which are on file in the Office of the Board of Trustees, be adopted; and

BE IT FURTHER RESOLVED, That the revised travel policies be published and disseminated in the University *Operating Manual*.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 30, 1979 meeting, Board of Trustees

**AUTHORITY TO ACQUIRE TITLE TO GIFTS OF REAL PROPERTY**

Resolution No. 80-54

*Synopsis: Authority for pending property acquisition delegated for month of December 1979.*

WHEREAS The Ohio State University Development Fund has had inquiries from potential donors who are considering making gifts of real property to the University prior to December 31, 1979; and

WHEREAS the next meeting of the Board of Trustees will not be until after December 31, 1979:

NOW THEREFORE

BE IT RESOLVED, That the Chairman of the Fiscal Affairs Committee of the Board of Trustees and the President and/or Vice President for Business and Administration be authorized, during the period from December 1, 1979 through December 31, 1979, inclusive, to acquire title in the name of the Board of Trustees to such gifts of real property that they determine, after appropriate review and evaluation, to be in the best interest of the University; and

BE IT FURTHER RESOLVED, That such gifts of real property made on or before December 31, 1979, be accepted as gifts to the University through the Development Fund from the respective donors through the conveyance of appropriate deeds to the Board of Trustees; and

BE IT FURTHER RESOLVED, That these gifts of real property be reported to the Board of Trustees at its next meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ASSIGNMENT OF BENEFICIAL INTEREST - 7.37 ACRES OF LAND,  
TRUMBULL TOWNSHIP, ASHTABULA COUNTY, OHIO**

Resolution No. 80-55

*Synopsis: Sale of University's Beneficial Interest in 7.37 acres of land located in Ashtabula County.*

WHEREAS the Board of Trustees of The Ohio State University is a beneficiary of the Trust created under Item 4 of the Will of Ivor Spafford, deceased; and

November 30, 1979 meeting, Board of Trustees

**ASSIGNMENT OF BENEFICIAL INTEREST - 7.37 ACRES OF LAND,  
TRUMBULL TOWNSHIP, ASHTABULA COUNTY, OHIO (contd)**

WHEREAS the principal of said Trust is comprised of 7.37 acres of land located in part of lot 18 in Trumbull Township, Ashtabula County, Ohio; and

WHEREAS the appropriate University departments recommend the assignment of the University's beneficial interest in said property to John Thresher McMahan, Jr., and Kay Spafford McMahan for consideration of Twenty-Three Thousand, Seven Hundred Forty-Six and 80/100 Dollars (\$23,746.80) to The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the President and the Treasurer be and they hereby are authorized to execute on behalf of the Board of Trustees of The Ohio State University, the Assignment of Beneficial Interest prepared by University Legal Counsel, for the assignment and transfer to said John Thresher McMahan, Jr., and Kay Spafford McMahan of The Ohio State University's rights and interests in said Trust created under Item 4 of the Will of Ivor Spafford.

Upon motion of Mr. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LOAN APPLICATION - DEPARTMENT OF HOUSING  
AND URBAN DEVELOPMENT**

Resolution No. 80-56

*Synopsis: Loan Application with Department of Housing and Urban Development.*

WHEREAS, on July 28, 1978, the Office of Residence and Dining Halls of the University submitted to the United States Department of Housing and Urban Development an application for a direct loan in the approximate amount of \$350,000 to finance the cost to the University of rehabilitating the heating, ventilating and air conditioning systems in the North Dormitory Complex so as to reduce fuel and energy consumption and other operating costs related to said systems; and

WHEREAS, on October 11, 1978, the United States Department of Housing and Urban Development issued its preliminary approval of said loan application and reserved a fund for the direct loan in the amount of \$362,000, which fund reservation will expire in April, 1980; and

WHEREAS, at the October 5, 1979 meeting, plans and specifications for the project known as "North Dormitories, Retrofitting of HVAC System" were approved:



November 30, 1979 meeting, Board of Trustees

**LOAN APPLICATION - DEPARTMENT OF HOUSING  
AND URBAN DEVELOPMENT (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University, be, and he hereby is authorized and directed on behalf of the Board, to take all actions necessary to complete the processing of the aforesaid loan application and to consummate the loan transaction, including executing loan application documents, loan agreements, promissory notes, and loan security documents pledging the "available receipts" of the University, as such term is defined in Section 3345.12(A) (9) of the Ohio Revised Code, as collateral for the payment of said loan.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**SECRETARY'S CERTIFICATE**

Columbus, Ohio  
November 30, 1979

The undersigned, Secretary of the Board of Trustees of The Ohio State University hereby certifies that the following resolution was duly passed by the Board of Trustees of The Ohio State University at a regular meeting on November 30, 1979:

WHEREAS, on July 28, 1978, the Office of Residence and Dining Halls of the University submitted to the United States Department of Housing and Urban Development an application for a direct loan in the approximate amount of \$350,000 to finance the cost to the University of rehabilitating the heating, ventilating and air conditioning systems in the North Dormitory Complex so as to reduce fuel and energy consumption and other operating costs related to said systems; and

WHEREAS, on October 11, 1978, the United States Department of Housing and Urban Development issued its preliminary approval of said loan application and reserved a fund for the direct loan in the amount of \$362,000, which fund reservation will expire in April, 1980; and

WHEREAS, at the October 5, 1979 meeting, plans and specifications for the project known as "North Dormitories, Retrofitting of HVAC System" were approved:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of The Ohio State University, be, and he hereby is authorized and directed on behalf of the Board, to take all actions necessary to complete the processing of the aforesaid loan application and to

November 30, 1979 meeting, Board of Trustees

**LOAN APPLICATION - DEPARTMENT OF HOUSING  
AND URBAN DEVELOPMENT (contd)**

**SECRETARY'S CERTIFICATE (contd)**

consummate the loan transaction, including executing loan application documents, loan agreements, promissory notes, and loan security documents pledging the "available receipts" of the University, as such term is defined in Section 3345.12 (A) (9) of the Ohio Revised Code, as collateral for the payment of said loan.

The undersigned hereby further certifies that as of the date hereof the above resolution remains in full force and effect and has not been repealed, rescinded, modified, or otherwise amended.

IN WITNESS WHEREOF, the undersigned Secretary of the Board of Trustees of The Ohio State University has executed this Secretary's Certificate on the day and year first above written.

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**INVESTMENT COUNSELORS**

Resolution No. 80-57

*Synopsis: Reappointment of Investment Counselors for management of the University's Investment Portfolio is recommended.*

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee the following investment policies pertaining to the University's Investment Portfolio be implemented in accordance with the terms and conditions set forth. .

Reappointment of Siebel Capital Management, Inc., to counsel the investment of \$3,500,000 of the Endowment;

Reappointment of Tallasi Management Company to counsel in the investment of \$5,000,000 of the Endowment.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 30, 1979 meeting, Board of Trustees

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979**

Resolution No. 80-58

*Synopsis: Providing for the issuance and sale of The Ohio State University General Receipts Bond Anticipation Notes, Series 1979 is recommended.*

WHEREAS, the Board of Trustees of The Ohio State University (the "Board"), is vested with the government of The Ohio State University (the "University" and, when the context admits, collectively with the Board called the "University") by Chapter 3335 of the Revised Code; and

WHEREAS, the University has previously determined, and does hereby confirm, that it has been necessary to construct and equip certain vehicular parking facilities on the campus of the University, comprised of two multi-level parking structures and appurtenances known as the 9th Avenue Parking Ramp and the 11th Avenue Parking Ramp, with an aggregate capacity for the parking of approximately 1,740 motor vehicles, and that it is necessary to install smoke detector equipment in 11,113 living units of University and University Housing Commission dormitories and other University living quarters and in the common areas of 25 University and University Housing Commission dormitory buildings, such vehicular parking facilities and smoke detector equipment being herein called the "Project"; and

WHEREAS, the costs of the Project constituting "costs of auxiliary facilities" as defined in Section 3345.12(A)(8) of the Ohio Revised Code (the "costs of the Project") are at least \$9,500,000; and

WHEREAS, the University proposes to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds (the "Bonds") at such time and in such principal amount as may be necessary for such purpose, pursuant to authorizing provisions of law including Sections 3345.11 and 3345.12 of the Ohio Revised Code; and

WHEREAS, the University has determined that it is necessary to issue, prior to and in anticipation of permanent financing of the costs of the Project, notes as provided in this resolution to pay the costs of the Project:

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University, that:

Section 1. It is hereby determined to be necessary to borrow, pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code and for the purpose of paying the costs of the Project, the amount of \$9,500,000 and to issue General Receipts Bond Anticipation Notes, Series 1979 (the "Notes") to evidence such borrowing.

Section 2. The Notes shall be in the aggregate principal amount of \$9,500,000; shall be dated the date of issuance; shall bear interest from their date at a rate or rates not exceeding

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)**

ten per centum (10%) per annum, to be fixed by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such interest to be payable at maturity, or upon prepayment; and shall mature one year from date, but shall be prepayable in whole without penalty or premium at the option of the University at any time prior to maturity as provided in this resolution; shall be issued in such denominations as requested by the Original Purchaser and approved by the Fiscal Officer, provided that the entire principal amount may be represented by a single note; shall be numbered as determined by the Fiscal Officer; shall not have coupons attached; shall be signed in their official capacities by the Chairman of the Board or the President of the University and by the Fiscal Officer, provided that one of such signatures may be a facsimile signature; and shall express upon their faces the purpose for which they are issued and that they are issued pursuant to this resolution. Prepayment prior to maturity shall be made by deposit with the paying agent referred to in Section 5 (the "Paying Agent") of the principal amount of the Notes together with accrued interest thereon to the date of such prepayment. Such right of prepayment shall be exercised by notice, specifying the date fixed for prepayment and the place where the amounts due upon such prepayment are payable, which notice shall be given by the University by at least one publication in a newspaper or financial journal of national circulation published in the City and State of New York, and in a daily newspaper published and of general circulation in the City of Columbus, Ohio, such publication to be not less than ten days prior to the prepayment date, and in the case of the prepayment of notes in fully registered form, by mailing a copy of the prepayment notice by first class mail at least ten days prior to the date fixed for prepayment to the registered owner of each Note at the address shown on the registration book kept by the University; provided, however, that failure to give such notice by mailing, or any defect in such notice, shall not affect the validity of any proceedings for the prepayment of the Notes. If all of the Notes to be prepaid are at the time in fully registered form, notice given by first class mail to the owner or owners thereof not less than ten days prior to the date fixed for prepayment shall be sufficient and published notice of prepayment need not be given; provided, however, that in the event no published notice is given, failure to give such notice by mailing, or any defect in such notice, with respect to any Note shall not affect the validity of the prepayment proceedings with respect to any other Note. All Notes so called for prepayment will cease to bear interest on the prepayment date provided funds for their prepayment are on deposit at the main office of the Paying Agent at that time, and shall not be deemed to be outstanding hereunder.

Section 3. The Notes may be issued in registered form or in unregistered form as requested by the Original Purchaser, shall reflect the appropriate terms of the offer and sale thereof consistent with this resolution and with the Invitation for Proposals attached hereto, and may contain such other provisions, consistent with this resolution and with the Invitation for Proposals attached hereto, as the President of the University or the Fiscal Officer may approve.

Section 4. If the holder (in this section called the "owner") of a note issued pursuant to this resolution claims that such note has been lost, destroyed, or wrongfully taken, the Fiscal Officer is authorized to cause to be executed and delivered a new note (in this section called the "replacement note") of like date and tenor (specifying on its face, however, that

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)**

it is issued in place of the original note) in place of the original note, in accordance with and subject to the provisions of Section 1308.35, Ohio Revised Code, and of this section. The owner's notification and request pursuant to said Section 1308.35 shall be in writing, addressed to the Fiscal Officer and shall include evidence satisfactory to the Fiscal Officer of such loss, destruction, or wrongful taking and of his ownership. The Fiscal Officer is authorized to approve, so long as satisfactory to such officer, the indemnity bond that the owner shall file with the University as a condition to the issuance of a replacement note, and is further authorized to impose other reasonable requirements, including a requirement that the owner pay the reasonable expenses and charges of the University in connection with the issuance, execution and delivery of such replacement note, as conditions to the delivery of a replacement note.

Section 5. The principal of and interest on the Notes shall be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the Fiscal Officer in his certificate awarding the Notes pursuant to Section 6 hereof, such payment to be made in Federal Reserve Funds of the United States of America if the Original Purchaser shall so elect.

Section 6. The Notes shall be sold by the Fiscal Officer at a rate of interest not exceeding the limitation set forth in Section 2 hereof, at par and any premium, and in accordance with the provisions of the "Invitation for Proposals" attached hereto. The Fiscal Officer is hereby authorized and directed to deliver the Notes, when executed, to the Original Purchaser upon payment of the purchase price.

Section 7. As provided in this resolution, the principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a parity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by this Board on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. The principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of and lien on, the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law to refund or retire the Notes in whole or in part. Neither the State of Ohio nor the University or its Board shall be obligated to pay the principal of or interest on the Notes from any other funds or source, and the Notes shall not be a claim upon or lien against any property of the State of Ohio, or any other property of or under the control of the University. The Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

In consideration of the loan evidenced by the Notes, the University covenants and agrees that it will do all things necessary to effect the issuance and delivery, prior to the maturity

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)**

of the Notes, of bonds or notes for the refunding or retiring of the Notes, pursuant to Sections 3345.11 and 3345.12, Ohio Revised Code, or other authorizing provisions of law, in such principal amount as may be necessary to pay the principal of and interest on the Notes, that it will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and that it shall apply the proceeds thereof to the extent necessary to make full payment of said principal of and interest on the Notes, and these obligations are established as duties specifically enjoined by law upon the University and its officers, and result from their respective offices, trust or stations within the meaning of Section 2731.01, Ohio Revised Code.

In connection with the aforesaid covenant, it is the present intention of the University that any bonds eventually issued to retire the Notes or notes issued to refund the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution, and that such bonds shall have not to exceed 30 annual principal maturities and that the debt service thereon shall be on a substantially level debt service basis.

Section 8. The Fiscal Officer shall deposit the proceeds of the Notes to the Construction Fund hereby established for the Project. The Construction Fund is to be established by the Fiscal Officer as a separate account on the books of the University and to be held by the University in a deposit account or accounts, except when invested as hereinafter provided, and used to pay costs of the Project. The Fiscal Officer is hereby authorized and directed to establish and maintain such deposit account with a bank or trust company which is a member of the Federal Deposit Insurance Corporation.

The Fiscal Officer shall apply the Construction Fund to the payment of costs of the Project. If the payment is to be made with respect to an obligation under a contract relating to the Project, such payment shall be made only upon certification by a qualified architect or engineer that such payment is due under such contract.

The Construction Fund may be deposited in time deposits or invested by the Fiscal Officer in eligible investments as defined and subject to the provisions relating thereto stated in Section 1 of the General Bond Resolution, with such notice periods for withdrawal, maturities or redemption provisions, and in such amounts, as nearly as practicable, as will provide funds when needed to pay costs of the Project, but in any case maturing or redeemable at the option of the holder no later than eighteen months from the date of investment. Such investments and the proceeds of sale thereof shall constitute part of the Construction Fund and shall be maintained separately from other investments or funds of the University, and interest on such investments shall be deposited in the Construction Fund. Such investments shall be sold, exchanged, or collected from time to time by the Fiscal Officer.

Section 9. The University hereby covenants that it will restrict the use of the proceeds of the Notes in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Notes, so that the Notes will not constitute arbitrage bonds under Section 103(c) of the Internal

November 30, 1979 meeting, Board of Trustees

**ISSUANCE AND SALE OF THE OHIO STATE UNIVERSITY GENERAL  
RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979 (contd)**

Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer, or any other officer having responsibility for issuing the Notes, is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based pursuant to said Section 103(c) and the applicable income tax regulations thereunder.

Section 10. As used in this resolution, "Fiscal Officer" shall mean the Vice President for Business and Administration of the University, or, in his absence, the Treasurer of the University; "Original Purchaser" shall mean each financial institution or underwriter which initially purchases the Notes, as identified in the certificate of the Fiscal Officer awarding the Notes pursuant to Section 6 hereof; and references to any specified section of the Ohio Revised Code shall mean said section as it now exists and as it may from time to time be amended, supplemented or affected by later legislation, and shall include any provision enacted in substitution therefor or as a supplement thereto. Any reference in this resolution to an officer of the University or the Board shall refer to the person holding such office or, in the event of absence or vacancy in such office, then to the person performing the duties of such office.

Section 11. It is hereby found and determined that all formal actions of this Board concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22, Ohio Revised Code.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**INVITATION FOR PROPOSALS**

**\$9,500,000 THE OHIO STATE UNIVERSITY**

**GENERAL RECEIPTS BOND ANTICIPATION NOTES, SERIES 1979**

The Ohio State University (the "University"), Columbus, Ohio, contemplates the issuance of general receipts bond anticipation notes in the principal amount of \$9,500,000 (the "Notes") in anticipation of the issuance of General Receipts Bonds, to pay the costs of certain University Facilities, consisting of the construction and equipping of new vehicular parking facilities and the installation of smoke detector equipment in University and University Housing Commission dormitories and other University living quarters.

November 30, 1979 meeting, Board of Trustees

### INVITATION FOR PROPOSALS (contd)

Sealed proposals for the purchase of the Notes will be received by the University Treasurer at his office in 910 Lincoln Tower, the address of which is 1800 Cannon Drive, Columbus, Ohio 43210, until 12:00 o'clock, Noon, Eastern Standard Time on \_\_\_\_\_, 1979, at which time the proposals will be opened and read publicly.

The undersigned will conduct an informational meeting at the Fawcett Center for Tomorrow, the address of which is 2400 Olentangy River Road, Columbus, Ohio 43210, on \_\_\_\_\_, 1979 at \_\_\_\_\_ o'clock, Eastern Standard Time. At such meeting, those considering submitting proposals for the Notes may examine financial information concerning the "General Receipts", hereinafter referred to, of the University, and may ask questions of and receive answers from the undersigned concerning the Notes and the security therefor.

The Notes will be dated the date of issuance, will mature one year from date, will be prepayable in whole without penalty or premium at the option of the University at any time prior to maturity, will not have coupons attached and will bear interest from their date payable at maturity or upon prepayment.

Proposals may be for all or part of the \$9,500,000 principal amount of the Notes, provided that (i) each proposal for less than all of the Notes shall be in a whole multiple of \$500,000 and (ii) each proposal shall be in an amount not less than \$1,000,000. Each proposal shall be for the purchase of the Notes proposed to be purchased at not less than par, and shall state the principal amount proposed to be purchased and the interest rate or rates which said principal amount shall bear, but only one rate shall be specified for any given \$500,000 segment of Notes proposed to be purchased. "All or none" proposals with respect to any principal amount of Notes proposed to be purchased shall not be considered. Each proposal shall be in writing, on the form provided by the University, and enclosed in a sealed envelope endorsed "Proposal for General Receipts Bond Anticipation Notes, Series 1979."

The Notes or any portion thereof will be sold to the party or parties submitting the highest proposal therefor based on the lowest interest cost to stated maturity. Each segment of the Notes for which a given party submitting a proposal specifies a separate interest rate will be considered a separate proposal and any premium specified will be allocated pro rata among all the segments proposed to be purchased, unless separate premiums are specified for each segment. The lowest interest cost for each segment will be determined by taking the aggregate amount of interest to the stated maturity at the rate specified and deducting therefrom the amount of premium applicable thereto. The Notes will then be awarded in segments commencing with the segment for which the lowest interest cost was offered and continuing with the awards in order of interest cost offered, from lowest to highest; provided, however, in the event that two or more proposals specify the same lowest interest cost and the award to such parties submitting proposals would exceed the principal amount of the Notes offered for sale, the award as to such proposals will be made pro rata.

The University reserves the right to award to any party submitting a proposal all or any part of the Notes which such party submitting a proposal offers to purchase in its proposal on the basis of such proposal, except that partial awards shall be in the amount of at least \$500,000. In the event that a pro rata award would result in a partial award of less than



### INVITATION FOR PROPOSALS (contd)

\$500,000, the successful party submitting a proposal with respect to that segment will be determined by lot. In addition, the University reserves the right to reject any or all proposals and to re-offer the Notes (in the same or in an increased or decreased aggregate principal amount) for sale, and also reserves the right to waive any informality, irregularity or defects.

The Notes will be payable at the main office of The Huntington National Bank of Columbus, Columbus, Ohio, or at such other bank designated by the University Vice President for Business and Administration, or the University Treasurer, as the case may be, in his certificate awarding the notes as provided in Section 6 of the note resolution authorizing the Notes; will be payable in Federal Reserve funds of the United States of America if so requested by the purchaser or purchasers; and will be in such numbers and denominations as may be requested by the purchaser or purchasers and approved by the Vice President for Business and Administration of the University, or in his absence, the University Treasurer.

Principal of and interest on the Notes and such other notes that may be issued on a parity therewith, are payable from the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution adopted by the Board of Trustees of the University on May 7, 1971 (the "General Bond Resolution"), but subject to the existing pledge thereof to bonds issued or to be issued pursuant to the General Bond Resolution. Principal of and interest on the Notes are also payable from the proceeds of the sale of bonds or notes issued pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code or other authorizing provisions of law to refund or retire the Notes in whole or in part. The holders of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of principal or interest.

Legal matters incident to the issuance of the Notes and with regard to the tax-exempt status of the interest thereon are subject to the approving legal opinion of Squire, Sanders & Dempsey, Bond Counsel, which will be furnished without cost to the successful party or parties submitting proposals at the time the Notes are delivered. Bond Counsel has not been engaged to confirm or verify, assumes no responsibility for, and expresses and will express no opinion as to the accuracy, completeness or fairness of any statements in any reports, financial information, offering or disclosure documents or other information relating to the University or the Notes that may be prepared or made available by the University or others, whether at the informational meeting referred to above or otherwise, to the parties submitting proposals for or holders of the Notes or others.

The University will furnish without expense the Notes which will be in printed form, and the cost of printing the Notes will not be considered in determining the highest proposal. A complete transcript of proceedings will also be furnished by the University together with a certificate that to the knowledge of the signers no litigation or administrative action or proceeding is pending or threatened at the time of delivery to restrain or enjoin or seeking to restrain or enjoin the issuance and delivery of the Notes, or to contest or question the proceedings and authority under which the Notes have been authorized, issued, sold, executed or delivered or the validity of the Notes.

The Notes will be delivered for payment at a single bank or trust company within the State of Ohio, or at a single bank or trust company in the City and State of New York, without

**INVITATION FOR PROPOSALS (contd)**

cost to the purchasers, such bank or trust company to be designated by the Vice President for Business and Administration of the University, or, in his absence, the University Treasurer. Unless other mutually satisfactory arrangements are made, each successful party submitting a proposal will be required to accept delivery of the portion of the Notes which were awarded to it at such place when so available.

Before making tender of the Notes, or any portion thereof for which award has been made, at the place of delivery, the University shall give written notice to the successful parties submitting proposals not later than the fifth business day before the proposed tender, of the fact that the Notes, transcript, no-litigation certificate and approving opinion will be available for delivery and giving the date and hour for the tender at the place of delivery; provided, however, that nothing herein contained shall prevent the making of a mutually agreeable arrangement for the delivery of the Notes either at the place fixed for delivery or elsewhere.

It is anticipated that the Notes will be available for delivery on or about \_\_\_\_\_, and payment therefor must be made in Federal Reserve funds of the United States of America. If such notice has not been given by the University or waived by the successful party submitting a proposal and the Notes, transcript, no-litigation certificate and approving legal opinion are not available for delivery to the successful party submitting a proposal at such place of delivery on or before 12:00 o'clock Noon Eastern Standard Time of the 45th calendar day after the day fixed for receipt of proposals, and the successful party submitting a proposal shall not be in default of any of its obligations, it shall thereafter, and so long as tender thereof by the University shall not yet have been made, have the right to cancel the contract of purchase by delivering to the office of the undersigned during regular business hours written notice of such cancellation.

In the event that, prior to their delivery, the interest on said Notes should, by act of Congress or otherwise, become subject to federal income taxes, or any act of Congress should provide that the interest income on said Notes shall be taxable at a future date for federal income tax purposes, whether directly or indirectly, the successful party or parties submitting proposals may refuse to accept delivery.

It is contemplated that the undersigned, acting pursuant to the authority conferred by the resolution authorizing the issuance of the Notes, will award the same promptly on the day on which proposals are received.

James W. Kristoff  
University Treasurer  
The Ohio State University  
Telephone: (614) 422-6261

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November 30, 1979 meeting, Board of Trustees

**LEASE AGREEMENT - 930 KINNEAR ROAD - WARNER CABLE CORPORATION**

Resolution No. 80-59

*Synopsis: Request for authorization to enter into an agreement for a lease with Warner Cable Corporation at 930 Kinnear Road.*

WHEREAS the University has received requests from Warner Cable Corporation, a Delaware corporation, to lease 12,240 square feet of warehouse space in Building No. 2 located at 930 Kinnear Road, for an original term of two years and 349 days with two options to renew for five years each; and

WHEREAS it has been recommended by the appropriate University offices that said property be utilized as requested; and

WHEREAS it has been determined that the referenced building is not currently needed to carry out the educational mission of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate said transaction and enter into the necessary lease agreements on behalf of the Board of Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT - COLUMBIA GAS OF OHIO, INC. - EAST BANK OF OLENTANGY RIVER**

Resolution No. 80-60

*Synopsis: Request for authorization to enter into an agreement for the granting of an easement to Columbia Gas of Ohio, Inc., along the east bank of the Olentangy River.*

WHEREAS the University has received a request for an easement from Columbia Gas of Ohio, Inc., for a twelve-inch and ten-inch gas line across the State of Ohio (The Ohio State University) lands commencing at King Avenue and the east bank of the Olentangy River and running a distance of approximately 1,653 feet north from this point generally along the east bank of the river; and

WHEREAS Columbia Gas of Ohio, Inc., had a previous easement granted on September 24, 1964, which ran approximately 1,288 feet north along the east bank of the Olentangy River from a point commencing at King Avenue and the east bank of the Olentangy River; and

WHEREAS the previous easement terminated on September 23, 1979; and

November 30, 1979 meeting, Board of Trustees

**EASEMENT - COLUMBIA GAS OF OHIO, INC. -  
EAST BANK OF OLENTANGY RIVER (contd)**

WHEREAS construction of State Route 315 adjacent to the Olentangy River required Columbia Gas of Ohio, Inc., to relocate the existing underground gas lines, thus making the easement granted in 1964 no longer necessary and requiring this new easement for the re-located gas lines; and

WHEREAS the relocated gas line services the central campus area of The Ohio State University; and

WHEREAS The Ohio State University Office of Campus Planning and Space Utilization and the Office of Physical Facilities have reviewed this request for an easement and recommend that it be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of the Department of Administrative Services, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Dr. Sirak, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**DENTAL CARE GROUP INSURANCE PROGRAM**

Resolution No. 80-61

*Synopsis: A dental care group insurance program is proposed.*

WHEREAS a survey several years ago of the University faculty conducted by the Faculty Compensation and Benefits Committee indicated that a dental care program held significant appeal among those faculty respondents; and

WHEREAS interest in this area of coverage over the past year has increased not only on the part of the faculty, but for staff members as well; and

WHEREAS the recent enactment by the General Assembly of a provision in the appropriations bill funding dental care coverage for other state employees has made the need for the University to consider this matter all the more urgent; and

WHEREAS this issue was recognized as one of the more critical items to be agreed upon in recent negotiations with employee organizations which represent staff members of the University; and

November 30, 1979 meeting, Board of Trustees

**DENTAL CARE GROUP INSURANCE PROGRAM (contd)**

WHEREAS it is the recommendation of the Administration that a group dental care insurance program be established for all Regular faculty/staff of the University employed for 50 per cent or more time:

NOW THEREFORE

BE IT RESOLVED, That the Board authorize the President and/or the Vice President for Personnel Services to prepare dental care coverage bid specifications; to solicit, receive and analyze quotations; and to present to the Board a recommendation for a dental group insurance program to be established prior to the end of the 1979-80 academic year.

President Enarson made the following statement:

As we described this this morning (I think all of you were here for the meeting of the Fiscal Affairs Committee) dental care insurance is indeed a high priority of our faculty and it's clearly evident in the recommendations of our own internal Faculty Compensation and Benefits Committee. What brought this issue into sharp focus on our campus, of course, was the action of the General Assembly in appropriating and funding dental care coverage for other state employees. Following that, we did enter into discussions, as I indicated a moment ago, with our faculty; we did enter into collective negotiations with several employee organizations. And those agreements do include a commitment, a firm commitment by the University, to move ahead with the dental care program.

We have had a great deal of help from many different individuals and we are all extremely grateful for that help. We have had the help of several members of our Board, we have had the help of experts from our own faculty and I must say that the Faculty Benefits and Compensation Committee has dug very deeply into this matter and I am confident that we are going to fashion a program which is going to be one of the best that we can get. You are not committing yourself to any particular program if and when you adopt this proposal before you. The final proposal will involve a variety of options, I am sure, and will have to be weighed against what the University feels is affordable. It's possible that some members of the Board--particularly of the Committee--may have something to add to this. It was recommended by the Fiscal Affairs Committee.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS  
FOR THE PERIOD JULY 1, 1976 THROUGH JUNE 30, 1978**

Resolution No. 80-62

*Synopsis: Report of Auditor of State for The Ohio State University Hospitals for the period July 1, 1976 through June 30, 1978 is recommended for acceptance.*

November 30, 1979 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY HOSPITALS  
FOR THE PERIOD JULY 1, 1976 THROUGH JUNE 30, 1978 (contd)**

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University Hospitals for the period July 1, 1976 through June 30, 1978, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University Hospitals were found to be in order but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and procedures have been developed in response to the changes recommended:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPORT - STATUS OF CAPITAL IMPROVEMENTS BILL**

President Enarson made the following statement:

Madam Chairman and members of the Board, I have only one item on which I wish to comment, or more precisely, on which I do not wish to comment but feel impelled to comment, and that's the Capital Improvements Bill and its fate. I am sure we all know from cursory reading of the newspapers that the Senate has acted, the House has also acted very quickly here, and the Capital Improvements Bill will be addressed by a joint conference committee sometime in early January. This University and this administration has been in full support of the bill as recommended by the Governor of the State of Ohio and as adopted by the House of Representatives. At the time of the action by the Senate, Dr. Cramblett issued a statement which is being distributed to you, and it was entirely appropriate that he should comment because a good part of the cut is taken in the health sciences area. I issued a fairly brief statement on November 29, and this has been made available to the press. I am not at all sure there is anything useful or helpful that I can say to add to this. I think the battle lines are drawn, as it were, between the House and the Senate on this matter. The position of this University has been made abundantly clear in every possible forum. As I think I reported to you by letter, we have responded to the best of our ability to Senator Meshel's inquiry. We did that in the form of a 13-page letter, so I don't think there is any doubt about where this University stands. I simply report this to the Board for their information.

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November 30, 1979 meeting, Board of Trustees

**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 80-63

RESOLVED, That the report on the University's Investment Portfolio, dated November 16, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, January 10, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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**APPENDIX II**

**Degrees Conferred at**

**THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION**

**December 7, 1979**

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### **HONORARY DEGREE**

**Robert M. Duncan - Doctor of Laws**

**Robert M. Duncan, Judge, U. S. District Court for Southern District, has been a distinguished member of the judiciary for thirteen years. Before his elevation to the United States District Court in 1974, Judge Duncan served as Judge, United States Court of Military Appeals from 1941 to 1974, Justice, Ohio Supreme Court from 1969 to 1971, and Judge, Franklin County Municipal Court from 1966 to 1969.**

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# Graduate School

Dean: Jules B. LaPidus

## Doctor of Musical Arts

Randie Lee Blooding, Fort Collins, Colo.; B.M.E. (Colorado State University); M.M. (Southern Methodist University); *Music*; Dr. Marion R. Alesh and Dr. Herbert S. Livingston

Marya Hannum Giesy, Worthington; B.M. (Oberlin College); M.M.; *Music*; Dr. Michael D. Davis

Jack David Jenny, Columbus; B.Mus.; M.M.; *Music*; Dr. Marshall H. Barnes and Dr. Thomas H. Wells

## Doctor of Philosophy

Hamid Saliman Abdalla, Khartoum, Sudan; B.V.Sc. (University of Khartoum); M.S.; *Microbiology*; Dr. Julius P. Kreier

Lilliam Abrego, Columbus; B.A. (Our Lady of the Lake); M.S.; *Metallurgical Engineering*; Dr. James A. Begley

Jose Manuel Abreu, Itabuna, Brazil; Engenheiro (Universidade Rural de Brasil); Agrônomo Mestre (University of de San Paulo); *Entomology*; Dr. Roger N. Williams

Brent Larsen Adams, Heber City, Ut.; B.S. (University of Utah); M.S.; *Metallurgical Engineering*; Dr. John P. Hirt

John Peter Aines, Jr., Rutland, Vt.; B.A., M.A. (University of Hartford); *Psychology*; Dr. Henry Leland

Linda Lee Arena, Brockport, N. Y.; B.S., M.S. (State University of New York, Brockport); *Physical Education*; Dr. Daryl L. Siedentop

Robert Lee Arnett, Arlington, Va.; B.A.; M.A.; *Political Science*; Dr. Philip D. Stewart

Bruce Jon Augustin, Columbus; B.S. (University of Delaware); M.S. (University of Idaho); *Agronomy*; Professor John L. Parsons and Dr. Keith J. Karnok

Shella B. Lazarus Auster, Columbus; B.S. (City College of the City University of New York); M.A. (Princeton University); *Chemistry*; Dr. Russell M. Pitzer

James Morris Bagby, Columbus; B.A. (University of Richmond); M.Ed. (University of Virginia); *Education*; Dr. Robert R. Lange

Anne Wiseman Bailey, Oxford; B.S., M.Ed. (Miami University); *Home Economics*; Dr. Fern E. Hunt

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Carmen Anna Weber, Cincinnati; B.A.; *Anthropology*

Nancy Schickner Weber, Columbus; B.S.Ed.; *Education*

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Margaret Anne Winters, Gahanna; B.A.; *Communication*

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Willard T. Fernald, Bexley; B.A.; *Business Administration*

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Thelma Darlene Kennedy, Mobile, Ala.; B.A. (Clark College); *Business Administration*

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Gerald E. Kline, Mansfield; B.I.A. (General Motors Institute); *Business Administration*

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Penelope Ann Speedie, Niagara Falls, Ontario, Canada; B.M. (University of Toronto); *Music*

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- Frederick S. Glover, Chillicothe; B.S.Bus.Adm.; *Computer and Information Science*
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- Carol Ann Greco, St. Louis, Mo.; B.A. (Saint Louis University); *Geodetic Science*
- Mary G. Gross, Amesbury, Mass.; B.A. (Merrimack College); *Home Economics*
- Karl Peter Gubert, Inkster, Mich.; B.S. (Michigan State University); *Animal Science*
- Maggie Raye Hicks, LaFayette, Ala.; B.S. (Alabama A & M University); *Home Economics*
- Alice Karen Hite, Granville; B.S.; *Home Economics*
- Gail Howard, Ridgewood, N. J.; B.S.; *Microbiology*
- James Michael Hyson, Brooklyn; B.S. (University of Pittsburgh); *Mathematics*
- Carol Buck Jaeger, Columbus; B.S. (Syracuse University); *Nursing*
- Bao-Chyuan Jenq, Columbus; B.S. (National Taiwan University); M.S. (National Chiao-Tung University); *Electrical Engineering*
- Sheliah Marie Johnson, Springfield; B.S. (Oakwood College); *Home Economics*
- Thomas Brown Johnston, Cleveland Heights; B.S. (College of William and Mary); *Zoology*
- Lynne A. Kanatas, Columbus; B.S.Nurs.; *Preventive Medicine*
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- Vinod Kanwal, New Delhi, India; M.Sc. (Kurukshetra University); *Mathematics*
- Robert W. Karkoska, Columbus; B.S. (University of Dayton); *Computer and Information Science*
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- Weida W. Kramer, Worthington; B.S.Nurs.; *Nursing*
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- Chih-Ping Lin, Taipei, Taiwan, R.O.C.; B.S.C.E. (National Cheng Kung University); *Civil Engineering*
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- Didier Mithouard, Paris, France; Diplôme d'Ingénieur des Arts et Manufactures (Ecole Centrale des Arts et Manufactures); *Electrical Engineering*
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Joo-hae Song, Seoul, Korea; B.S. (Seoul National University); *Chemical Engineering*

Jack C. Spanner, Jr., Richland, Wash.; B.S. (Washington State University); *Welding Engineering*

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David Eric Spring, Athens; B.S. (Ohio University); *Plant Pathology*

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Joseph Walter Talnagi, Jr., Columbus; B.A. (Wittenberg University); M.S. (Miami University); *Nuclear Engineering*

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Matthew J. Toussant, Canton; B.S.; *Food Science and Nutrition*

Ioannis Leonidas Volakis, Chios, Greece; B.E. (Youngstown State University); *Electrical Engineering*

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Mark Edward Whitacre, Morrow; B.S.Agr.; *Animal Science*

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Bruce Gordon Williamson, Mansfield; B.S. (Northeastern University); *Chemical Engineering*

Delbra Darlene Williamson, Fernandina Beach, Fla.; B.S. (Bob Jones University); *Home Economics*

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## Master of Social Work

William Markward Balson, Jr., Columbus; B.S.Soc.Wel., M.A.; *Social Work*

Kenneth Ronald Lafontaine, New Riegel; B.S., M.A.; *Social Work*

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Cesar P. Cruz Aguirre, Puerto Rico  
John Wilson Daugherty, Columbiana  
Robert A. Dycman, Youngstown  
William Henderson Pippin, S. Charleston  
Sujoy Ghosh, Columbus  
Ruth Elaine Gibson, Dublin  
Michael Edward Greenberg, Shaker Heights  
Gillian Kay Groves, Columbus  
Debra Jay Habener, Columbus  
William Harman Hales, Columbus  
Susan Elaine Holvick, Circleville  
Louis MacDonald Hueemann, II, Powell  
Linda Ann Svec Koder, Cleveland  
Richard A. Lefkan, Dayton  
Joseph Gail Markley, Naasport  
Richard Melvin Maxey, Columbus  
Linda Ann Merchant, Columbus  
Laurel Jane Miles, Akron  
Richard Scott Moore, London  
Carlos Alberto Pacheco, Youngstown  
Stephen William Park, Bexley  
Marc Kevin Pentella, Canton  
Terrence Robert Powell, Toledo  
Derrick Marx Rawls, Selma, Ala.  
Steven E. Reintner, Sylvania  
Sharon Bridget Sipes, Columbus  
John Harvey Summers, Akron  
Merrill Bernard Tawse, Lexington  
Raquel Maria Traje, Wauseon  
Clyde Arnold Wetherill, Columbus  
Douglas William Winkler, Columbus  
Janet K. Wolery, Delphos

## College of Humanities

Dean: Dieter H. Haenicke

### Bachelor of Arts

Gary L. Bair, Findlay  
Clarence Edward Bauer, Mt. Gilead  
Richard D. Brannaman, Columbus  
Diane C. Casali, Columbus  
Robin Hase Comfort, Columbus  
Suzanne Louise Contini, Dover  
David Critzer, Columbus  
Naomi-Beth David, Bayshore, N. Y.  
Lawrence B. Etengoff, Englewood  
Kevin Ireneas Eyster, Bellville  
Cynthia Jan Frank, Dallas, Tex.  
Kerianne Dismas Gentry, Columbus  
Diane Rene Gilliam, Columbus  
Kim Jodi Greenbaum, Willoughby Hills  
John Jay Sherman Hanna, Columbus  
Mark Christopher Hay, Columbus  
Richard W. Hertle, Columbus  
Michael Paul Hill, Columbus  
Kathryn Lynn Holder, Columbus  
Judith Grace Ireland, Marion  
Leslie Lynn Irvin, Martins Ferry  
Jacklyn J. Kaps, Columbus  
John C. Martin, West Jefferson  
Elizabeth Joan McKinley, Columbus  
Daniel J. Miller, New Castle  
James Benjamin Minutilli, Columbus  
Joanne Marie Mooney, Columbus  
Michael Moretti, Columbus  
Larry Eugene Newman, Eaton  
Daniel Nusbaum, Croton

Borys Ostrowakj, Parma  
Amy Louise Peterson, Gates Mills  
Carol Jean Poeth, Columbus  
Lisa Lynn Ramsdell, Columbus  
Christopher Justus Richter, Hudson  
Francis E. Rosenzweig, Columbus  
Jack Kevin Shaner, Columbus  
James Alan Shores, Columbus  
Debra Leah Sipes, Gailton  
Mary Sue Stamper, Columbus  
LuAnn Swartzlander, Irondale  
Philip J. Tarrullo, East Brunswick, N. J.  
Constantine N. Vaporia, Needham, Mass.  
Judy Lynn Wetzel, Canton

## College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Bradford S. Jones, Columbus

### Bachelor of Science

William Anthony Amurgis, Columbus  
Catherine R. Andrade, Columbus  
James Jeffrey Gallagher, Columbus  
Michael R. Griffith, Columbus  
Thomas J. Hatzalaky, Warren  
Michael John Kaelbling, Columbus  
James Anthony Klun, Columbus  
Michael Jay Kunt, Columbus  
Henry J. Malik, Galena  
John Michael McKinley, Lima  
Shahriar Maleki Rasy, Columbus  
Dan A. Ruggenberg, Columbus  
Catherine Thomas, Columbus  
Clyde Thomas Zuber, Columbus

Denise Eaton, Cleveland  
Charles Joseph Eberst, Columbus  
John Michael Eidenre, Dublin  
Brian D. Esch, Toledo  
Ronald Joseph Flewellen, Columbus  
Daniel A. Fortman, Shelby  
John Fraick, Columbus  
Jeffrey Carl Gardner, Lancaster  
Paul David Gates, Belpre  
Laura Lee Ginder, Gailton  
Joseph Patrick Grady, North Canton  
Marjorie Leslie Grafton, Warren  
David A. Graham, Mansfield  
Jonathan Steven Gross, Pepper Pike  
Connie S. Hawkins, Mansfield  
Vickie Sue Himler, Cardington  
Neal J. Hoffman, Columbus  
Michael J. Holbrook, Columbus  
Martin Scott Hollander, Youngstown  
Daniel Lee Holstein, Columbus  
Amir Bijan Janati, Brooklyn, N. Y.  
Stewart Evan Jobrack, Centerburg  
Barry Lynn Keith, Columbus  
Michael John Klingel, Marion  
Idi Kovach, Columbus  
John R. Kovalick, Piquerington  
Kacey Kowars, Columbus  
Robert James Krouse, Defiance  
Margaret S. Lane, Columbus  
Timothy Irvin Langen, Springfield  
Gilbert Mitchell Lear, Vandalia  
Laura Ellen Leitson, Beachwood  
Denise Anne Light, Shelby  
Lois Lee Lockett, Columbus  
John Wayne Logue, Columbus  
Ramon Fdo. López, Guaynabo, Puerto Rico  
Richard Scott Marks, Akron  
William Joseph Marsen, II, Columbus  
Cristina Marie Matheny, Columbus  
Debra L. McDonald, Westlake  
Robert A. McFarland, Perryville  
Robert Samuel Mendel, Columbus  
Susan Lynn Mesec, Houston, Tex.  
Michael Robert Metz, Columbus  
Yvetta Motley, Chagrin Falls  
Anthony E. Myers, Campbell, Ky.  
Cynthia Yvonne Owens, Columbus  
Alexandria Julia Palad, Columbus  
G. Michael Payton, Columbus  
John Michael Petrucci, Worthington  
Patty Jo Pikula, Columbus  
John Frederick Plagens, Rocky River  
William James Rackett, Lebanon  
Regis Scott Ransel, Hilliard  
Vincent Lee Redman, Circleville  
Norma Jean Reichert, Attica  
Rebecca Louise Repasky, Pleasant City  
Donnie L. Richards, Lockland  
Megan Richards, Urbana  
Scott Tagg Riedler, Hilton Head, S. C.  
Stanley Keith Riedmann, Warren  
Amanda Jeanne Roberts, Columbus  
West Hyannisport, Mass.  
Anne St. Pierre, Worthington  
Lisa Zaidain Saslaw, Columbus  
Jerry Lee Saylor, Columbus  
Mary Jo Schamel, Dayton  
Martin Wayne Sebastian, Columbus  
George Carey Seibert, Jackson  
Daniel Casey Shannon, Columbus  
Steven R. Simms, University Heights  
Robert Samuel Simon, Wilmington, Del.  
Darlene Denise Smith, Cleveland  
David Leslie Smith, Kettering  
Holly May Smith, Peninsula  
Terrence Charles Suss, Cincinnati  
Gregory Keith Stevenson, Columbus  
Nancy Lynn Taglione, Columbus  
Neil William Thomson, Westerville  
Maria Jo Tomastik, Chillicothe  
Daniel L. Tompkins, Canton  
Carrie S. Ventriglia, Brooklyn, N. Y.  
John Spencer Walters, Columbus  
Becky Jo Wiggins, Lima  
Jennifer Ann Wilhelm, Amherst  
Jeffery Michael Williams, Steubenville  
John Allen Williams, Indianapolis, Ind.  
Wesley Wayne Wilson, Columbus

## College of Social and Behavioral Sciences

Dean: S. Earl Brown

### Bachelor of Arts

Susan Rogers Armstrong, Columbus  
Tekkes Arafaw, Columbus  
Christopher E. Beck, Columbus  
Wendall Ann Baer, Canfield  
Wendy Susan Bailly, Beachwood  
William John Balcerzak, Columbus  
Evelyn G. Bartlett, Columbus  
Cynthia Rae Beck, Ashland  
Valerie Lynette Bryant, Columbus  
Deborah Mary Chalce, Columbus  
Deborah Lynne Chianese, Palatine, Ill.  
Winifred Glynn Clay, Cleveland  
Kevin E. Cleary, Columbus  
Phyllis A. Cook, Columbus  
Dawn Koehlinger Costin, Columbus  
Michael B. Crosby, Cincinnati  
Kimberly Anne Cusack, Jamestown  
Ronald William Curry, Buffalo, N. Y.  
Duane Alan Davis, Columbus  
Joanne Patricia DeLapa, Akron  
John Coleman DeWees, III, North Canton  
James W. Downey, Sunbury

Linda Jane Wilt, Columbus  
 Suzanne Marie Wolery, Delphos  
 Leah Madonna Wolodsko, Brecksville  
 Joyce Elaine Wood, E. Fultonham  
 Michael Francis Zofcin, Brookpark  
 Gail B. Zulick, Lima

## Bachelor of Science

Tebbin Dwain Alford, Dayton  
 Keitha Dawn Bayliss, Columbus  
 Rosalyn Branson, East Liverpool  
 Marilyn Callaway, Columbus  
 Patricia Carlisi, Columbus  
 John H. Everson, North Madison  
 Martha Jane Gordon, Columbus  
 Timothy Walter Hite, Norwalk  
 Wynn William Hollingshead, Unity  
 Jacqueline Belinda Johnson, Cleveland  
 Margaret Monroe King, Columbus  
 Ann Masdea, Columbus  
 Daniel Andrew Moore, Grove City  
 Margaret J. Murray, Kent  
 Rollin W. Nagel, Columbus  
 Kim Elizabeth Pocius, Springfield  
 Mark Daniel Schoonover, Stow  
 Alan Earl Steele, Lima

## Bachelor of Arts in Journalism

Moreen Deloris Bailey, Cleveland  
 Robert P. Ballin, Monsey, N. Y.  
 Mark Stephen Brackney, Columbus  
 Candace Brooks, Columbus  
 Mark Edward Cooper, Marietta  
 Marquette Hudson Dannemiller, Akron  
 Rosa Inés Elizalde, Rio Piedras, Puerto Rico  
 Sharon Marie Forbush, Cleveland  
 Julie Dora Gareff, Columbus  
 Susan Leigh Guernsey, Fostoria  
 Steven Michael Hannan, Loudonville  
 Douglas Wayne Hecker, Mayfield Village  
 Phyllis Hegner, Mason  
 Philip H. Jones, Canton  
 Kathy Mae Kerr, Columbus  
 Kathy Lynne Kishman, Vermilion  
 Judith Kay LaRotonda, Lima  
 James Roger Leickly, Cleveland  
 William Forrest McCullick, Whitehall  
 Dennis A. McPherson, Prospect  
 Cynthia Louise Moore, Fredericktown  
 Tounonava Nave Mullins, Columbus  
 Dean Stanley Nicolozas, Cambridge  
 Carl Leonard Pritchard, Columbiana  
 Jerry Lee Robinette, Columbus  
 David Eric Schmidt, Malvern  
 Vicki Thompson, Webster  
 Jan Marie Vadasz, Martins Ferry  
 DeVore Terrell Whitt, Cleveland  
 Mark Taylor Wise, Columbus

## College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

Mitchell Allen Adell, University Heights  
 Douglas Edward Allen, Hamburg, N. Y.  
 Douglas Richard Armitage, Worthington  
 James E. Arnold, Westerville  
 Rebecca Louise Balthaser, Lancaster  
 Karen Louise Banks, Columbus

Thomas Ray Bates, Newbury  
 Michael William Bauder, Delaware  
 Daniel Melvin Bauer, Ashland  
 William H. Beathard, London  
 Cherie Jean Benjamin-Wickiser, Reynoldsburg  
 Elliott A. Berk, Toledo  
 Kishin J. Bharwani, New Delhi, India  
 Frank Leo Bianchi, Chagrin Falls  
 Larry Edward Binkley, Lima  
 James Gregory Blair, Pataskala  
 Beth Ann Boatner, West Salem  
 David Allan Bovey, Wilbraham, Mass.  
 Paul Wesley Bower, Dallas, Tex.  
 Gregory D. Boyd, Columbus  
 Katherine Isobel Bridgen, Carnation, Wash.  
 Jane Elizabeth Briggs, Gahanna  
 Don Calvin Brown, Jr., Lima  
 Phillip Edward Brugger, Springfield  
 Brian Henry Bucher, Bay Village  
 Kenneth Edward Buhr, III, Mansfield  
 Barry J. Burger, Columbus  
 Keffery Lee Burns, II, Worthington  
 Thomas Wynn Cheyney, Berea  
 Wayne Constant Chilicki, Columbus  
 Stephen Allen Cloran, East Liverpool  
 Matthew David Cohen, Columbus  
 Michael Edward Colwell, Blacklick  
 Mark Ashley Cooper, Mansfield  
 William Joseph Cooper, Jr., Columbus  
 Cynthia Joan Cotter, Utica  
 Mark Joseph Daniels, Marion  
 Thomas Scott Dawson, Newark  
 Daniel Dempsey, Medina  
 Jeffrey Lee Dietz, Columbus  
 Francis Patrick Doone, Columbus  
 Thomas Glenn Downie, Danbury, Conn.  
 Frederick Geyer Duble, Columbus  
 Debra Susan Dunlap, Eaton  
 Mark Allen Eakins, Columbus  
 Eric Daniel Eldund, Strongsville  
 Diana L. Ellis, Zanesville  
 Ronnie Ray Ellis, Columbus  
 William Francis Endres, Grove City  
 Stuart Ellie Engel, Fresh Meadows, N. Y.  
 Cynthia Englefield, Granville  
 Stephen Richard Entler, Columbus  
 Lee Warren Estill, Madeira  
 David Bryan Fallert, Jacksonville, Fla.  
 Mitchell Addison Finney, Newark  
 Paul Richard Fishel, Jr., Willoughby  
 Jeffrey Allen Fisher, Columbus  
 Michael H. Flickinger, Marion  
 Thomas Lee Flehman, Lowell  
 Fredric Shaw Forman, Fairlawn  
 Joseph W. Forquer, Columbus  
 Randy Wayne Fowls, Columbus  
 Robert Allen Friedmann, Akron  
 Randall Lee Frost, Worthington  
 Paula A. Fugitt, Mansfield  
 Stephanie Gaiser, Columbus  
 Terry James Gaunt, Mansfield  
 Jacquelyn Lee Gilbert, Ashtabula  
 Timothy John Gluntz, Brecksville  
 Thomas Richard Goecke, Maria Stein  
 Ronald J. Guisinger, Mansfield  
 Jeffrey Mark Gutmann, Columbus  
 Ricardo Jose Harris, Cleveland  
 Brent Evin Hatch, Columbus  
 Charles Richard Havener, Dayton  
 Barbara Estella Henry, Columbus  
 Robert Mark Herach, Beachwood  
 Leonard Dean Hight, Lebanon  
 Gary Charles Hibinger, Reynoldsburg  
 Brenda Denise Hicks, Dayton  
 John Frederick Hinderer, Columbus  
 David Richard Hughes, Springfield  
 Matthew G. Jacoby, Perrysburg  
 Craig Alan Jenkins, Akron  
 Carl Richard Johnson, Columbus  
 Jeffrey Reed Johnson, Dublin  
 Joseph Henry Johnson, III, Yellow Springs  
 Douglas Lee Kauffman, Columbus  
 John Brady Keener, Toledo  
 Daniel Gregory Kelly, Fairfield  
 Gordon F. Kibler, Worthington  
 Linda Marie Kight, Columbus  
 Dale James Kirby, Dayton

James Francis Kirsch, Brookfield  
 Dean G. Kissos, Youngstown  
 Paul Joseph Knoble, Henrietta  
 Shirley Ann Komives, Toledo  
 Dana Henry Kuemmel, Columbus  
 David Michael Kulchar, Grand Blanc, Mich.  
 Daniel L. LaMarche, Marion  
 Eugene Saylor Lang, Englewood  
 Kathy Sue Lawrence, Ashville  
 Melanie Sue Lawrence, Powell  
 Elizabeth Gail Leber, Springfield  
 Gregory M. Leonard, Worthington  
 Kimberley Dawn Leslie, Springfield  
 John K. Lewis, Columbus  
 Kevin Paul Lewis, Columbus  
 Julie Yi-Ching Lin, Lima  
 Glenn Louise Link, Sunbury  
 Thomas Patrick Long, Cuyahoga Falls  
 Nancy Lee Lopilo, South Euclid  
 Warren James Lott, Cleveland  
 Duane Stuart Love, Maumee  
 Daniel Carl Ludwig, Columbus  
 Samuel Lee Lurie, Hudson  
 Sheldon Lutch, Randolph, Mass.  
 Marcia Ann Mackin, Bethel Park, Pa.  
 Elizabeth Lowe Magill, Circleville  
 Ronald Everett Malpiedi, Shadyside  
 Richard Anthony Marzella, Shadyside  
 Sadie Ann Martin, Kent  
 David Martin Mathews, Vienna, W. Va.  
 Roger Joseph McCoy, Dayton  
 Jill Friend Merkle, Columbus  
 Lee Hogland Miller, Columbus  
 Warren S. Miller, Reynoldsburg  
 Leonard N. Mills, Miami, Fla.  
 Therese Ann Monett, Orient  
 Cheryl Ann Morgan, Springfield  
 Robert Myron Morrow, Jackson  
 Thomas Edmund Mosholder, Mt. Vernon  
 Amina Bibi Mukadam, Columbus  
 Niles Christian Muladore, Worthington  
 Jeffrey Eugene Murdock, Zanesville  
 Earl Lee Myers, Butler  
 Jeffery Scott Mygrant, Marion  
 Kevin Michael Neary, Flushing, N. Y.  
 Rondal Eugene Neill, Medway  
 Thomas Randall Neuberger, Worthington  
 Ronald Vincent Nichols, Jr., Columbus  
 Max Randall Noland, Newark  
 Peggy Ann Ogden, Mansfield  
 Michael S. Orshan, Martinsville, N. J.  
 Gregory Ellis Osterholt, Marion  
 Thomas Joseph Passero, Columbus  
 Cynthia Lee Polomsky, Westerville  
 Conrad Leo Pritscher, Maumee  
 James Coleman Proctor, Plain City  
 Javad Ra'ed, Tehran, Iran  
 John William Rains, Columbus  
 Roni Ray Bach, Marion  
 Marc Joseph Rehmer, Columbus  
 Geoffrey Eric Reynard, Columbus  
 Ludy Sloniker Rice, Worthington  
 Guy Alan Richards, Lorain  
 Susan Irene Rischard, Wauwatosa, Wis.  
 LeAnn Roseberry, Marion  
 Henry Joseph Roth, Marion  
 Kenneth Alan Rott, Worthington  
 James Joseph Rumora, Columbus  
 Thomas Richard Sangrik, Chardon  
 Angelo Nick Savakis, Cortland  
 Howard Phillip Schnitz, Columbus  
 Tonya Stephanie Seward, Cleveland  
 Mark Dwayne Shockley, St. Charles, Ill.  
 Gary Kevin Smith, Marion  
 Cynthia Ann Sklenar, Columbus  
 James Roma Smith, Mansfield  
 Robert Lee Smith, Jr., Pickerington  
 Allan Douglas Staub, Lakewood  
 John Bradley Steele, Homer  
 Scott Douglas Steele, Cambridge  
 Nancy Ann Stammen, Toledo  
 Wayne Douglas Stola, Columbus  
 Deborah Lynn Surowicz, Columbus  
 Joseph Anthony Sweeney, Westlake  
 Kevin M. Sweeney, Caracas, Venezuela  
 Michael Burt Syfert, Columbus  
 Gregory Alan Tanner, Wabash, Ind.

Robert Paul Taylor, Clarksburg  
 Brandt Tefft, Columbus  
 Alison Darling Thomas, Perrysburg  
 Daniel James Thomas, Dayton  
 George Adam Thomas, Columbus  
 John A. Toth, Solon  
 Gregory Paul Trefz, Hillsboro  
 Greg Allen Turnbull, Grove City  
 Thomas Forbes Turner, Ashtabula  
 Joseph Paul Underwood, Columbus  
 Nancy Jean Vandermark, Coneaut  
 Gary Michael Vandia, Fairview Park  
 Steve Vilaro, Worthington  
 Edward R. Waters, Lyndhurst  
 Judson Roby Wells, Findlay  
 Donna Jean West, Cincinnati  
 Edward Alan Wheaton, Middleburg Heights  
 Jill Lynn Wheeler, Sylvania  
 Dennis Paul Williamson, Cincinnati  
 James Alan Wilshire, Columbus  
 Lori Wolfe, Nelsonville  
 Cynthia A. Wolfinger, Grove City  
 Richard Grant Woods, Kirtland  
 Daniel Roger Woolfe, Fairborn  
 Lee Francis Wyckoff, Columbus  
 Beverly Lim Young, Orchard Lake, Mich.  
 Robert Joseph Zannella, Cranston, R. I.,

## Bachelor of Science in Labor and Human Resources

Dennis Keith Blunt, Columbus  
 Kevin Patrick Carey, Ironton  
 Rebecca L. DeVine, Grove City  
 Mark H. Murphey, Amherst

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

Mark Watson Abbott, Columbus  
 Timothy Paul Adorni, Brecksville  
 Linda Lee Anderson, Columbus  
 Dean Ralph Andres, Bryan  
 Thomas Leonard Appleborn, Reynoldsburg  
 Garlena Ann Bauer, Columbus  
 Mark Roger Berry, Bellville  
 Laura Marleen Bidaack, Oakwood  
 Jonathan Alan Blinn, Columbus  
 John Timothy Brennan, Springfield  
 Marion Rose Brill, Mt. Vernon  
 Rebecca Lynn Campbell, Warren  
 Thomas Lee Campbell, Warren  
 Kathryn Marie Christopher, Norwalk  
 Danette Marie Cotton, Alliance  
 Jeffrey Alan Darding, Xenia  
 Charles Wayne Dieter, Litchfield  
 Debra Kay Dumire, Lorain  
 Jeffrey David Engle, Columbus  
 Craig Lester Faubel, Columbus  
 Julie Anne Fitzpatrick, Bellefontaine  
 Keith Allen Fledderjohann, New Knoxville  
 Mary Ann Frantz, Wooster  
 Daniel Lee Frobose, Pemberville  
 Denine Michelle Frund, Washington, Pa.  
 Gregory Kent Genge, Columbus  
 Robert Arthur Gibbs, Columbus  
 Frank Staley Goodell, Jr., Columbus  
 Frank Mannon Gorsuch, Columbus  
 Steven Robert Greene, DeGraff  
 Margaret Ann Griffith, Wooster  
 Michael Edward Grosh, Columbus  
 John Ralph Hach, Jr., Wakarusa  
 Carol Ann Halverson, Columbus  
 K. Richard Harr, West Liberty

Sonia Antonieta Hidalgo, Columbus  
 Faith Anne Hnzidil, Westerville  
 Dale Keith Inskip, Richwood  
 Mark Allan Johnston, Jamestown  
 Dale Alan Jordan, Mt. Gilead  
 John Albert Kessler, Columbus  
 Margaret Ann Kirwin, Columbus  
 Kathy Ann Kloenne, Dublin  
 George John Knasel, Anna  
 Carol Harshman Lamontia, Columbus  
 Jeffrey Vincent Lanum, Columbus  
 Carol Jean Lewis, Ironton  
 Maurice Leonard Lewis, Lima  
 David William Long, Bucyrus  
 Robert Thomas Low, Marysville  
 Thomas David Madden, Pataskala  
 Jane Ellen Martin, Fremont  
 Nancy Lee Messinger, Cincinnati  
 Scott Douglas Michael, Urbana  
 Kevin Lee Miller, Defiance  
 William Bruce Moore, Wooster  
 David Joseph Mulvin, Sandusky  
 Edward Wayne Odorizzi, Columbus  
 Benjamin Kabutey Ongor, Accra, N. Ghana  
 Anna Osman Mohamed Osman,  
 Khartoum, Sudan  
 Elizabeth Kay Roelker, Columbus  
 Saadi Mohamed Said, Khartoum, Sudan  
 Sara Jean Schirm, Canal Winchester  
 James G. Schulz, Columbus  
 Marilyn Elizabeth Seifried,  
 Washington C. H.  
 Timothy Lynn Shank, Rawson  
 John Lewis Skinner, Logan  
 Timothy Lee Sorrell, Hamilton  
 Janice Marie Spaidel, North Olmsted  
 Cynthia Beth Stastny, Mansfield  
 Ralph Wayne Tinker, Orwell  
 Alice Jane Wagner, Canal Fulton  
 Thomas Everett Waters, Dayton  
 David Emerson Welch, Springfield  
 Cynthia Ann Whidden, Raymond  
 Mark Edward Whitacre, Columbus  
 Karl L. Wilker, Maineville  
 Dennis C. Windom, Columbus  
 George Andrew Wolfer, Cincinnati  
 Theresa Ann Wolfinger, Lancaster  
 Peter Joseph Wotowiec, Jr., Columbus  
 John A. Wynatra, Westerville  
 Scott Edward Zidko, Brunswick  
 Joseph Donald Zralik, Columbus  
 Mark Eric Zudell, Caldwell

### Bachelor of Science in Food Science

Ronald G. Derr, Upper Sandusky  
 Christine Lynne Ford, Findlay  
 Daniel Joseph Leonhardt, Columbus

### School of Home Economics

#### Bachelor of Science in Home Economics

Georgia Mae Amison, Columbus  
 Cheryl L. Ball, Columbus  
 Cynthia Anne Baus, Solon  
 Kimberly A. Beidler, Avon Lake  
 Rosanne Marie Binsack, Columbus  
 Betsy Suzanne Bom, Marietta  
 Mary Katherine Boyd, Columbus  
 Stacey Anne Brize, Euclid  
 Debra Sue Carl, Columbus  
 Zola Lee Clausen, Pleasant Plain  
 Nancy Jean Conroy, Mayfield Heights  
 Jeanette Louise Cox, Waynesville  
 Donnie William Dalton, Cleveland  
 Molly Ann Brown Davis, Gahanna  
 Karen Alice Doyle, Ontario, N. Y.  
 Julie C. Epstein, Westerville  
 Laurie Jean Federman, Chesterland

Karen Renate Friedrichmeyer, Cincinnati  
 Debra Lynn Gillis, Columbus  
 Jill Hannum, Columbus  
 Janet Beth Hartmann, Painesville  
 Karen Lee Hindman, Columbus  
 Virginia Lynn Hinton, Columbus  
 Jennifer Anne Hitt, Worthington  
 Pamela Lynn Iiams, Ft. Loramie  
 Susan Jordan, Columbus  
 Treinnia Lynn Justice, Reynoldsburg  
 Deann Mary Knickel, Prospect  
 So-King Louie, New York, N. Y.  
 Julie Kay Marie McFadden, Columbus  
 Gwendolyn Louise Mendenhall, Columbus  
 Marlene Lee Milenkovich, Columbus  
 Marianne Cindy Miller, Marion  
 Evelyn Oriedo, Niaroba, Kenya  
 Linda Pfaltzgraf Paradise, Miamiaburg  
 Deborah Jane Parsons, Chesterland  
 Deborah Jane Preston, Troy  
 Karen Ruth Reich, Worthington  
 Anna Marie Roegner, Columbus  
 Sandra Jane Sampson, Columbus  
 Jeri Lou Seiler, Columbus  
 Christi A. Shull, Sugar Grove  
 Sally Frances Spencer, Clyde  
 Susan Anne Spyridon, Waynesville  
 Marcella J. Strickland, Leavenworth  
 Kathleen Stout, Columbus  
 Gerard Visco, Columbus  
 Patricia D. Vorst, Columbus  
 Christine Marie Williamson, Dayton  
 Susan Jane Wilson, Washington C. H.  
 Karen Yeater, Columbus

### Bachelor of Science in Nutrition

James P. Delany, Columbus  
 Margalit Esther Grunberger, Beachwood

### Bachelor of Science in Restaurant Management

Donald Frederick Bitter, Lakewood  
 Kathleen Louise Boyne, Columbus  
 Lorraine Susan Ferris, Parma

### School of Natural Resources

#### Bachelor of Science in Natural Resources

John Larnar Arata, Colts Neck, N. J.  
 Richard E. Armao, North Ridgeville  
 Mark Bryant Behrens, Columbus  
 Cynthia A. Berndt, Columbus  
 Dale Arthur Biermann, Columbus  
 William David Biersteker, Bexley  
 Clifton Theodore Bokinski, Berea  
 John Robert Boggis, Worthington  
 Sue Ellen Borchers, Worthington  
 Timothy Lee Cook, Cortland  
 Estill Gerald Cooksey, Bellevue  
 Carol Joan Decker, North Canton  
 Robert Lewis Dobos, Windsor  
 Edward Lloyd Frank, III, Galena  
 Katherine Anne Gilmour, Buffalo, N. Y.  
 Lisa Louise Hamilton, Columbus  
 Ronald Jay Hannan, Chillicothe  
 Mary Beth Hehemann, Cincinnati  
 Barbara Jean Jentzen, Columbus  
 Michael Alan Jester, Chillicothe  
 Susan Elaine Katko, Youngstown  
 Keith Gregory Lauby, Piqua  
 Marc E. Lishewski, Toledo  
 Raymond Michael Lohrer, Springfield  
 Terry Michael Luce, Columbus  
 Richard A. Mannarino, Columbus  
 Lynda M. Miller, New Carlisle  
 Judy Lee Miller, Lucasville  
 Barbara Niemczura, Willowick  
 William Andrew Novak, Columbia Station

Valentino Ray Orlando, Homeworth  
Debra Kay Peterman, Marion  
Jeffrey Kent Pond, Urbana  
Rebecca Lynn Raimonde, Martins Ferry  
Charles Alan Romer, Columbus  
Richard Albert Sladick, Middleburg Heights  
Brian Craig Slane, Columbus  
Kurt Small, Millersburg  
George William Souhrada, Maple Heights  
David Lowell Spreng, Loudonville  
Mark Allen Swartz, Carrollton  
Edward Timothy Tomich, Columbus  
Timothy John VonStein, Bluffton  
Michael John Walsh, Chagrin Falls  
Richard Allan Wiggins, New Philadelphia  
Paul Richard Wigginton, Columbus  
William Glenn Windnagel, Oak Harbor  
Roy Arthur Witham, Jr., Columbus

## Agricultural Technical Institute-Wooster

### Associate in Applied Science

Beth Ann Allenbaugh, Hayeseville  
Kathryn Amigo, Massillon  
Michael Stanley Anderzack, Toledo  
Gerald Sue Campanelli, Canton  
Manuel R. Chapote Malatesta, Lima, Peru  
Catherine Marie Cliffranc, Brook Park  
Karen Celeste Crombie, Amherst  
Ann May Cunningham, Chardon  
Kimberly Jay Derr, Lakeville  
Louis Joseph DiGregory, Steubenville  
Cindy Jo Dixon, Columbus  
Kathryn Minnie Garber, Fresno  
Joseph Anthony Gnisak, Ga. Wooster  
Kreg M. Hasselshardt, Hicksville  
Kenneth Michael Hudson, Mt. Oar  
Donald Jewett, Ashland  
Kelly Lee Kyler, Mansfield  
Michael Eugene Larson, North Canton  
Bruce Paul LaVergne, Sidney  
Kenneth Andrew Lee, Cleveland  
Doreen Ann Lipka, Independence  
Roger Alan Loomis, Dalton  
Barbara Ann Miller, Wadsworth  
Joan Maurine Norris, Glenmont  
Michael Alan Relhs, Wooster  
Kim Albert Rudolph, Maumee  
Barbara Jean Sabo, Ga. Wooster  
E. E. Sackett, Cincinnati  
Christopher Kennedy Siple, Canton  
Jeffrey Bruce Starkey, Geneva  
Janet Taylor Terhune, Smithville

## College of Dentistry

Dean: Charles L. Howell

### Doctor of Dental Surgery

Barry George Argentine, Toronto  
B.A. (West Liberty State College)

## College of Education

Dean: Robert A. Burnham

### Bachelor of Science in Education

Carolyn Wendy Abrams, Cincinnati  
Richard James Adams, Fulton, N. Y.  
James William Allen, Jr., Westerville  
Kathleen Devaney Athey, Columbus  
Phillip Martin Auer, Columbus  
Cathy Carney Austin, Bucyrus  
Rebecca Sue Bachman, Columbus  
Michelle DeVol Baker, Columbus  
Susan Mae Baker, Columbus  
Mark John Balen, Lakawanna, N. Y.  
Bonnie Sue Barnett, Gallion  
Lori Lynn Barnheiser, Dayton  
Nancy Cheryl Barrett, Columbus  
Chantal Barton, Middletown  
Brad Logan Basil, Columbus  
Dawn Renee Bauer, Columbiana  
Journette Beebe, Albany, N. Y.  
Jonathan Conklin Bennett, Columbus  
Sandra McClain Berry, Ridgeway  
William Delano Bert, Brooklyn, N. Y.  
Joanne Alt Bilbrey, Bellevue  
Robert Joseph Blem, Findlay  
Janet Grace Blevins, Cincinnati  
Lori Lynn Boring, Worthington  
Ann Lee Brockman, Cincinnati  
Billie Jo Brown, Troy  
Mark Fredrick Brunn, Mansfield  
David James Burnes, Columbus  
Cynthia Brooks Burns, Harvard, Mass.  
Emily Marie Burson, Utica  
Owen Spencer Bush, Portsmouth  
Sherilyn Dorsey Cameron, Ashley  
Jan Jay Carnes, Columbus  
Sandra Kay Carpenter, Mt. Gilead  
Jeffery Blake Carter, Vandalia, Mo.  
Mary Hagerty Case, Prospect  
Patricia Dianne Cenci, Columbus  
Nancy McDonald Christoff, Cairo  
Constance Boike Cole, Hillsboro  
Carol Lou Coleman, Gahanna  
Diana Lynne Copp, Mt. Victory  
Lynn Ellen Cutler, Westerville  
Steven Paul Daniel, Columbus  
Diane Kay Danhier, Findlay  
Doreen Ann Kohmann Davis, Columbus  
Catherine Eve Day, Columbus  
John Emil Denner, Columbus  
Sandra Siebert Devine, Marion  
Elizabeth Anne Devol, Buchtel  
Diane Elaine DeWeese, Columbus  
Marguerite Alice Diehl, Palatka, Fla.  
Marsha A. Dieker, Columbus  
Andrew James DiSabato, Columbus  
Carolyn Ann Dodds, Marion  
Joyce Ann Drake, Newark  
Sally Ullom Dye, Cardington  
Lucinda Lee Edwards, Hudson  
Susan Jane Elds, Mason  
Vincent Mark Ellis, Zanesville  
Mitchell C. Emmons, Marion  
Katherine Louise Engholm, Columbus  
David Scott Ennen, Columbus  
James Brown Essig, Amherst  
Jane Elizabeth Ficken, Novelty  
Lynne Sipe Fisher, Bucyrus  
Richard Warky Fotin, Lorain  
James Robert Forsythe, North Lewisburg  
Teri Lee Friend, Columbus  
Cheryl Rapose Fuller, Dublin  
Faith Elaine Funk, Youngstown  
Gregory Alan Gabbard, Columbus  
Nancy Wilson Gall, Newark  
Deborah Galt Garland, Middletown  
Susan Gaul, Columbus  
Cynthia Lee Gease, Columbus  
Richard Eugene Geyer, Marion  
Julie Riley Gherman, Marion  
Gregg Lee Gleisner, Mansfield  
Kimberly Lynn Glicks, Steubenville  
Patricia Ellen Goldman, Mt. Lebanon, Pa.  
Hazel Kiser Gordon, Lima  
Kristine Beth Grover, Galena  
Robin Lynne Hallum, Olmsted Falls  
Michael Lee Hanna, Columbus  
Jean Anne Harris, Elyria  
Kristi Michelle Harris, Columbus  
Jan Elaine Harsha, Columbus  
Pamela Diane Hedrick, Mansfield  
Kimberly Sue Helmkamp, Delphos  
Alice Ann Henke, Columbus  
Janice Marie Herrmann, Columbus  
Jane David Hersey, Columbus  
Patricia Ann Hill, Westlake  
Brian Darryl Hinkle, Columbus  
Vicki Gatz Holyeros, Columbus  
Patay J. Hooks, Columbus  
Vickie Lynn Hubbell, Ada  
Colleen Rose Hussey, Lima  
Michele Burke Jasiewicz, Columbus  
James Clayton Jenkins, Elyria  
Jolene Gail Jensen, North Royalton  
Linda Pike Johnson, Circleville  
Cynthia Lee Jones, Columbus  
Sandra Ann Jones, Greenwich  
Hope Marie Justice, Kingston  
Jeanette Darlene Karcher, Kenton  
Cheryl Lynn Keller, Marion  
Rebecca Pell Kelley, Columbus  
Sandra Gardine King, Columbus  
Francine Beth Kluger, Beachwood  
Kevin Eugene Langen, Washington C. H.  
Denise Ann Lawson, Wapakoneta  
Claire Theresa Lisenby, Columbus  
Michael Gary Lowery, Reynoldsburg  
Molly Louise MacEwan, Columbus  
Loretta Marshall Magee, Westerville  
Pauline Mary Maskas, Columbus  
Diana Lynn Maskal, Stow  
Judy McElroy, Cleveland  
Dennis Roy McIntyre, Columbus  
Sharon Kay McMahon, Columbus  
Cynthia Ann McVicker, Mansfield  
Barbara Carol Mearing, Benton Ridge  
Sandra Ellen Meddles, Columbus  
Roy Kenneth Mentzer, Mt. Victory  
Sherman Charles Micasak, Lorain  
Beth Christelynn Monroe, Chillicothe  
David Jeffrey Moore, Norwalk  
Ethel Mae Moore, Cleveland  
Kathleen Anne Moore, Lima  
Annette Marie Neisbarger, Mt. Vernon  
Mary Carol Nelson, Columbus  
Joseph Kimerly Noblet, Bucyrus  
Patrick Michael O'Brien, Lakewood  
Diane Loudenlager O'Neill, Morral  
Borys Ostrowskyj, Parma  
Bonna Rae Palmer, Columbus  
Dean Anderson Paugh, Columbus  
Lynel Kay Peake, Mansfield  
Marta Ann Pfeiffer, Worthington  
Debra Lynn Piper, Gahanna  
Deborah Kay Pisko, Norwalk  
Harold Thomas Poppe, Botkins  
Jay Steven Prichard, Worthington  
Katherine Lynne Rae, Worthington  
Diana Kay Ragan, Kettering  
Diane Kay Ramsey, Ashland  
Stephanie J. Ransom, Lima  
Melanie Sue Righter, Marengo  
Evelyn Ann Robertson, Columbus  
Douglas Jay Roberts, Worthington  
James Post Robinson, Shelby  
Patrick Joseph Roth, Dayton  
Ruth Margaret Ryan, Columbus  
Peggy Lee Schmidt, Columbus  
Laura Kay Schubert, Springfield  
Debra Overlay Scott, Gallon  
Pamela Jo Seiser, Prospect  
Sandra Kay Short Shields, Bucyrus  
Ruth Hoeftel Shinsbarker, Mansfield  
Karia Lee Shultzman, Apple Creek



Timothy R. Siegfried, Edison  
 Pamela Apple Sievert, Newark  
 Sheryl Jean Skidmore, New Bloomington  
 Brenda Elaine Smith, Wooster  
 Esther Justice Smith, Ashland  
 Phillip Bruce Smith, Worthington  
 Nancy Jayne Spyker, Lima  
 Georgia Gayle Steele, Marion  
 Paul Robert Steinmann, Dayton  
 Kathleen Mary Stone, Newark  
 Debra Ann Strayer, Columbus  
 David Irvan Sturgill, Columbus  
 Cheryl Jean Sullivan, Fairfield  
 Mark Patrick Sullivan, New Bedford, Mass.  
 Steven John Suzo, Cleveland  
 Patricia Lynn Swaney, Burton  
 LuAnn Swartzlander, Irondale  
 Timothy Alan Taylor, Newark  
 Mark William Terry, Kenton  
 Laura Lynn Thompson, Columbus  
 Jan Ellen Thurston, Columbus  
 Margaret Emmons Tischer, Bellbrook  
 Kathleen DaLee Tooman, Bucyrus  
 Catherine Alex Totonis, Columbus  
 Rita Jo Trimble, Upper Sandusky  
 Rebecca Lynn Tyler, Columbus  
 Elnora Marie Uphaw, Columbus  
 Kimberly Hope Valentine, Ashland  
 Cathy Lynn Vance, Columbus  
 Francisco Rodriguez Viscarra, Creswell, Ore.  
 Jane Frances Wallace, Westfield, N. J.  
 Leigh Hritz Webb, Circleville  
 Rolanda Sue Weber, Galloway  
 Katherine Elaine Weyand, Columbus  
 Debra Lynn White, Delaware  
 Larry Duane White, Reynoldsburg  
 Ingrid McCowen Wing, Columbus  
 Jennifer Louise Wolden, Columbus  
 Kimberly Sue Woodrum, Springfield  
 Mary Lynn Yardley, Columbus  
 Anne Terese Younkman, Toledo  
 Sandra Jeanne Zorn, New Carlisle

#### Bachelor of Art Education

Robert Lee Bainter, Columbus  
 Ruth Anne Berry, Grove City  
 Judith Marie Brauner, Westerville  
 Susan Elaine Broughman, Columbus  
 Maureen Louise Coonen, Gallipolis  
 Christine Anne Leahy, Hilliard  
 Susan Lynn Meecs, Middletown  
 Rebecca Lee Serey, Utica  
 Karen Lynn Small, Columbus

#### Bachelor of Music Education

Kathryn Larkins Alsauer, Columbus  
 Karen Denise Beoddy, Washington C. H.  
 John M. Hollinger, Columbus  
 Paul Edward Jackson, Columbus  
 Catherine Denise Lewis, Columbus  
 Garland Wellington McCutcheon, Jr., Bellbrook  
 Elizabeth Jane Murtaugh, Sunbury  
 Scott Glen Rogers, Westerville  
 Julia Ann Russell, Dublin  
 Jany Lou Sabins, Urbana  
 Jose Santiago, Garfield  
 Cindy Ann Weaver, Columbus  
 Susan Lynn Weber, Columbus  
 Leslie Lynne Williams, Columbus

## College of Engineering

Dean: Donald D. Glower

#### Bachelor of Science in Aeronautical and Astronautical Engineering

Thomas Wesley Gogge, Winston-Salem, N. C.  
 Christopher Edward Hughes, Westlake  
 Timothy M. Wilson, Utica

#### Bachelor of Science in Agricultural Engineering

Rex Edward Detling, Union City  
 Debra Ann Hatten, Columbus  
 Jonathan Max Kreglow, Quincy  
 David Louis Schacht, Canal Winchester

#### Bachelor of Science in Ceramic Engineering

Gregory Bernard May, Columbus  
 Gregory Gene Smith, Sandusky

#### Bachelor of Science in Chemical Engineering

Randall Lee Apel, Huber Heights  
 Deborah Marie Graybowksi Marek, Seven Hills  
 Richard Steven Paces, Kirtland  
 Ramón Alfonso Villarroel, Aragua, Venezuela

#### Civil Engineer

Jeffrey Richard Hess, Warren

#### Bachelor of Science in Civil Engineering

Greg Donald Anderson, Worthington  
 Steven Gerald Bailey, Jeromesville  
 Emil Anis Canaan, Abey, Lebanon  
 Douglas Hugh Clements, Columbus  
 Timothy John Dixon, Pickerington  
 Robert Gene Galvin, Dayton  
 Zulkifli Hamsah, K. Trengganu, Malaysia  
 Bruce David Hulman, Dayton  
 Melissa Kay Lenz, Toledo  
 Mark F. Massmann, Deshler  
 Stephen Irvin Niemeier, Cincinnati  
 Jeffrey Lynn Rapol, Zanesville  
 Akram Adib Safa, Jounieh, Lebanon  
 Mark David Sherman, Geneva  
 Michael Trent Stanforth, Washington C. H.  
 Robert Glenn Thompson, Wadsworth  
 David Felix Traini, Columbus  
 Timothy Andrew Van Echo, Columbus  
 Larry John Vonderembse, Lima  
 Mark Woodson Wurschmidt, Columbus

#### Bachelor of Science in Computer and Information Science

Kenneth R. DeJager, Cincinnati  
 Samir Salim Sleiman, Tripoli, Lebanon  
 Cynthia Gail Tarrant, Basking Ridge, N. J.  
 Gayle Phebe Yawets, Massillon

#### Bachelor of Science in Electrical Engineering

Jamie Elizabeth Bachman, Columbus  
 Michael David Barnebey, Columbus  
 William Christopher Byers, Columbus  
 Mike Erlichman, Columbus  
 Alexander Michael Galan, Parma  
 Russell Alan Gedeon, Parma  
 Larry Bruce Gletzer, Columbus  
 Bruce Alan Heimrich, Westerville  
 Scott Lawrence Hendricks, Oberlin  
 Robert Alan Kuehn, Euclid  
 Robert Edwin Magee, Columbus  
 Ruth Raffaella Massei, Cincinnati  
 Robert Paul McClure, Cincinnati  
 John Ward Mosker, Lewis Center  
 Gregory Scott Melick, Columbus  
 Maria Lucia Prota Machado Melo, Montes Claros, Brazil  
 Michael Dayton Mens, Ashland  
 Steve Allen Miller, Madison  
 Thomas Morrissey, Kettering  
 Thomas Edward Naber, Columbus  
 Issam Hassan Nasser, Beirut, Lebanon  
 William Dean Neyman, Costa Mesa, Calif.  
 Gary Lynn Reese, Columbus  
 William George Sotos, Columbus  
 Kevin Allen Sparks, Mt. Vernon  
 James Gerard Stevens, Plymouth, Mich.  
 Edward Harold Tomaszewski, Lorain  
 Kenneth Ray Tomblin, Columbus  
 John Michael Vanderau, Columbus  
 Allen Bradley Yoho, Columbus

#### Industrial Engineer

Sayed Mohammad Hossain Khatib-Shahidi, Columbus  
 Charles Edward Markhoff, Jr., Columbus

#### Bachelor of Science in Industrial and Systems Engineering

Paul Stewart Crago, Marietta  
 Michael John Grannon, Newark  
 Robert John Hill, Worthington  
 John Janowiecki, Toledo  
 Andres Vello Karolin, Worthington  
 Ndubuisi Okezie Okeugo, Umashia, Nigeria  
 Stephen Charles Schmitt, Delaware  
 David Lee Thorson, Dayton  
 Elizabeth Jane Whitlatch, Gahanna

#### Bachelor of Science in Mechanical Engineering

Behnam Baharlou, Tehran, Iran  
 David Owen Davis, Brecksville  
 John McGregor DeArmon, Dayton  
 Thomas Andrew Dix, Columbus  
 Michael John Fagert, Youngstown  
 Larry Alan Garstick, Columbiana  
 Terence Patrick Gilmore, Upper Arlington  
 Gary Lee Grob, Franklin  
 Fred Leif Grönvall, Jr., Youngstown  
 Michael Jay Gross, South Euclid  
 David Herbert Haeber, Columbus  
 James Howard Hoffman, Hollywood, Fla.  
 Rebecca Kanner, University Heights  
 David Michael Leahy, II, Canton  
 Stephen William Marek, Parma  
 Duane Loren Mattern, Bay Village  
 Nelson Edward Moorhead, Canton  
 Michael Benson Moser, Columbus  
 John Robert Myers, Chardon  
 Richard Robert Navarro, Brunswick  
 Richard Allen Papeo, Natrona Heights, Pa.

Denise Simon Schieltz, Columbus  
John Nicholas Schilling, Jr., Columbus  
John William Scolieri, Columbus  
James Arthur Spencer, Clyde  
Barry Alan Stoll, Newark  
James Russell Widders, Mansfield  
James Harold Wright, Xenia

### **Bachelor of Science in Metallurgical Engineering**

Patrick Joseph Lorenz, Columbus  
Brian Scot Sapp, Mansfield

### **Bachelor of Science in Surveying**

David John Davies, IV, Ashland  
Walther John Wefel, III, Cleveland Heights

### **Bachelor of Science in Welding Engineering**

Jacque Sue Barth, Coshocton  
James Robert Berkey, Lima  
James Justin Berta, Columbus  
Charles Edward Mraz, Fairborn  
Edward Wayne Pugh, Hammond, Ind.  
Kent Madison Weden, Youngstown

### **Bachelor of Science in Architecture**

Christopher John Bruzese, Columbus  
Joseph Charles Carrillo, Elmont, N. Y.  
Paul Jacob Hill, Cleveland  
Richard Howard Jordan, East Liverpool  
William Philip Lauch, Cincinnati  
David E. Miller, Logan

### **Bachelor of Science in Landscape Architecture**

Michael Edward Hooper, Cherry Hill, N. J.  
Aristotle George Maragas, North Canton  
John Robert McCoy, Circleville

## **College of Law**

Dean: James E. Meeks

### **Juris Doctor**

Susan Hoffman Adams, Lansing, Mich.  
B.A. (Michigan State University)  
Gerry Wayne Beyer, Grand Haven, Mich.  
B.A. (Eastern Michigan University)  
Sandra Ann Drabik, Sylvania  
B.S., M.S.  
Alan Craig Duvall, Gahanna  
B.S. Bus. Adm.  
Justine Kindley Freuler, Huntington, Ind.  
B.S. Nur.  
Elizabeth Rouse Gold, Silver Spring, Md.  
B.S. (Florida State University);  
M.S. (University of Maryland)

John Anthony Kington, Columbus  
B.A.  
William Joseph Lodico, Cincinnati  
B.A. (Xavier University)  
Mary Elizabeth Picken, Columbus  
A.B. (Oberlin College); B.S. (Western  
Reserve University)  
Ronald Henry Snyder, Canfield  
A.B. (Youngstown State University)  
Jackie Lee Stewart, Columbus  
B.A., M.A.  
Mary Edna Stewart, Gary, Ind.  
B.A. (Fisk University)

## **College of Medicine**

Dean: Henry G. Cramblett, M.D.

### **Doctor of Medicine**

Philip Frederick Binkley, Kenton  
B.A. (Ohio Wesleyan University)  
Edward T. Bradley, Solon  
B.S. (John Carroll University)  
Eric Christian Browning, Columbus  
B.A. (Harvard College)  
Linda Lou Cook, Circleville  
B.A. (Case Western Reserve University)  
Sara Frances Guerrero, Columbus  
B.S.  
Roosevelt T. Jackson, Jr., Glendale  
B.A. (University of Colorado)  
Donald Ray Lutter, Cincinnati  
B.S. (Purdue University)  
Michael James Morrison, Euclid  
B.S. (Case Institute of Cleveland)  
Robert James Skulli, Brooklyn Heights  
B.A. (College of Wooster)

### **School of Allied Medical Professions**

### **Bachelor of Science in Allied Health Professions**

Barbara Jean Ackman, Cincinnati  
Jill Maria Aydelotte, Dayton  
Cindy Lee Behrens, Springfield  
Jane Ellen Bertram, Freeport  
Martha Elizabeth Blaho, Columbus  
Kathryn Maxine Brennpman, Orrville  
Connie Sue Brown, Terrace Park  
Yolanda Michelle Bruce, Richmond, Va.  
Jane Marie Burchfield, Columbus  
Jan Clemons, Cincinnati  
Bonnie Frazier Connelly, Columbus  
Karen Anne Dippold Curtin, Columbus  
Mary Anne Ebner-Dahill, Galion  
Ronna L. DeKoven, Northbrook, Ill.  
Patricia Ann Faller, Cincinnati  
Joan Mary Ferneding, Dayton  
Melinda Louise Fritts, Columbus  
Maura Gannon, Medina  
Diana Lee Henney, Edison, N. J.  
Heidi Hermann, Cincinnati  
Rebecca Elizabeth Houk, Toledo  
Janet Joyce Hymiak, Niagara Falls, N. Y.  
Julie Anne Johnson, Circleville  
Paula Sue Kessler, Johnstown  
Robin Morgan Kirschenbaum, Timberlake  
Deborah Ann Krystosik, Maple Heights  
Libby Iris Langerman, Warren  
Judy Eileen Levin, Columbus  
Karen Ann Lewandowski, Seven Hills  
Catherine Olivia Lewis, Worthington  
Lorie Lynn Mapes, Hubbard  
Leesa McNamee, West Mansfield

David Edward Mileski, Toledo  
Karen Maria Pishner, Zanesville  
Brenda Joan Rakestraw, Ontario  
Karla Marie Reichert, Dayton  
Gail Marsha Rosenbaum, Cincinnati  
Robert Coe Schneider, Kettering  
Rebecca Jeanne Shryock, Dover  
Daphne Shye, Los Angeles, Calif.  
Sandra Lee Simpson, Olmsted Falls  
Gloria Jean Smith, Dayton  
Susan Kay Stark, Columbus  
Mary Diane Szydlowski, Steubenville  
Elizabeth Giel Tarkany, Columbus  
Susan Lilly Taylor, Falmouth, Mass.  
Linda Ann Toth, Delaware  
Ava Joy Uhlenbrock, Cincinnati  
Nancy Marie Whitacre, Findlay  
Susan Kaye Yung, Cincinnati  
Paula Ann Zenk, Cincinnati

### **School of Nursing**

### **Bachelor of Science in Nursing**

Theresa Mary Albanese, Columbus  
Kimberly Sue Bergmann, Columbus  
Marcia Marie Garrett, Mt. Sterling  
Eloise Godsey Inglesi, Columbus  
Leah Anne Merritt, Washington C. H.  
Linda Campbell Mount, Columbus  
Barbara Karin Nelson, Columbus  
Sue Ann Pfahler, Galion  
Laura Lee Rizzola, Seven Hills  
Glenda Lou Sarver, Vincent  
Cindy Marie Schmersal, Lima  
Jennifer Lynne Stephens, Findlay

## **College of Pharmacy**

Dean: Albert H. Soloway

### **Bachelor of Science in Pharmacy**

Jo Ellen Tefft Bello, Columbus  
Larry Mervin DeLong, Mansfield  
Anne Louise Fondriest, Dover  
Mark Douglas Gattton, Rushville  
Terrance Joseph Hale, Massillon  
Gloria Ann Hathaway, Greenville  
Debra Jean Hayes, Galion  
Theresa Ann Hemm, Ridgefield, Conn.  
Daniel Scott Huffman, Columbus  
Earl Lloyd Klay, Millersburg  
Jean Marie McGreevy, Columbus  
Jimmie Sue Neill Shaunessy,  
Long Beach, Miss.  
Peter Gordon Wagner, Peninsula  
B.A., M.A. (University of Akron)

## **College of Social Work**

Dean: Robert O. Washington

### **Bachelor of Science in Social Welfare**

Wendell Victor Kellum, Columbus  
Mark Halladay McConnell, Coshocton  
Mildred Klein Pollard, South Bend, Ind.  
Karen Whalen, Springfield  
Virginia L. Wright, North Canton

## Graduates with Honors

### Summa Cum Laude

Kathleen Louise Boyne  
Nancy McDonald Christoff  
Robin Hess Comfort  
Sandra Siebert Devine  
Mary Ann Frantz  
Carol Ann Halverson  
Judith Grace Ireland  
Matthew G. Jacoby  
Douglas L. Kauffman  
Cynthia Ann McVicker  
Michael Dayton Menz  
Joanne Marie Mooney  
Nils Muladore  
Diana Loudenslager O'Neill  
Deborah Jane Parsons  
Conard L. Pritcher  
Stephanie J. Ransom  
Jany Lou Sabins  
Kevin Allen Sparks  
Alison D. Thomas  
Timothy Andrew Van Echo  
Nancy Jean Watson  
Dennis Williamson  
John A. Wynstra

### Summa Cum Laude with Distinction

Deborah Jane Parsons

### Summa Cum Laude with Distinction in Agricultural Economics

Carol Ann Halverson

### Summa Cum Laude with Distinction in French and with Honors in Liberal Arts

Joanne Marie Mooney

### Summa Cum Laude with Honors in the Liberal Arts

Martha Jane Gordon

### Cum Laude

Rebecca Sue Bachman  
Bonnie Sue Barnett  
Rebecca L. Balhiser  
Dawn Renee Bauer  
Robert Berger  
Philip Binkley  
William Christopher Byers  
Deborah Mary Chalfe  
Kathryn Marie Christopher  
Mark A. Cooper  
Diana Swavel Copp  
Karen Celeste Crombie  
Marsha A. Dieker  
Debra S. Dunlap  
Eric D. Edlund  
Cheryl Rapose Fuller  
Susan Gaul  
Julie Riley Gherman  
Susan Harper  
Jennifer Anne Hitt  
Colleen Rose Hussey  
Janet Joyce Hymiak  
Carol Harshman Lamontia  
Michael Eugene Larson  
Elizabeth G. Leber  
Karen Ann Lewandowski  
Marcia A. Mackin  
Mark Halladay McConnell  
Sandra Hedges Meddles  
John Ward Meeker  
Therese A. Monett  
Cynthia L. Polomsky  
Brenda Joan Rakestraw  
Marc J. Rehmar  
Jan Clemmons Roth  
Akram Abid Safa

Pamela Apple Sievert  
Sheryl Jean Skidmore  
Gloria Jean Smith  
Michael Trent Stanforth  
Patricia Lynn Swaney  
Cathy Lynn Vance  
Alice Wagner  
Leigh Hritz Webb  
Susan L. Weber  
Theresa Ann Wolfinger

### Cum Laude with Distinction

Michael Trent Stanforth

### Cum Laude with Distinction in Animal Science

Mark Edward Whitacre

### With Distinction in Agricultural Economics

Garlena Ann Bauer

### Cum Laude with Honors in the Liberal Arts

Debra L. McDonald

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, January 10, 1980

The Board of Trustees met at its regular monthly meeting on Thursday, January 10, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

January 10, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM

Resolution No. 80-64

*Synopsis: Resolutions honoring the service of five of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Walter C. Barrett

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 3, 1979, of Walter C. Barrett, Instructor and County Extension Agent Emeritus, in the Cooperative Extension Service.

Mr. Barrett was born December 6, 1904, in Grafton, West Virginia. He spent the early years of his life on a farm and graduated from high school in Sayre, Pennsylvania, in 1922. He received his B.Sc. degree in Animal Husbandry in 1926 from Pennsylvania State University. Additional graduate education courses were taken at The Ohio State University and Wilmington College prior to joining the Ohio Cooperative Extension Service faculty.

From 1926 to 1930, Mr. Barrett was engaged in farming both in Ohio and Pennsylvania. From 1930 to 1944, he taught vocational agriculture in Clinton, Athens, and Paulding Counties. On May 16, 1944, he became Acting County Agricultural Agent in Paulding County. On November 1, 1946, he became County Agricultural Agent which was the position he retired from on December 31, 1966, culminating over 35 years of service to the people of Ohio.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Barrett earned and enjoyed the respect and admiration of the people of Paulding County and of his fellow workers. During his entire career he was responsible for educational programs in Paulding County for both adults and youth. Agronomic and 4-H activities provided the backbone of his educational thrust.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Barrett its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of sympathy and respect.

Werner L. Becher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 3, 1979, of Werner L. Becher, Associate Professor Emeritus in the Cooperative Extension Service.

January 10, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Werner L. Becher (contd)

Professor Becher was born August 9, 1915, in Willshire, Mercer County, Ohio. He attended Willshire High School, graduating in 1934. He enrolled in the College of Agriculture at The Ohio State University in 1937 and received his Bachelor of Science in Agriculture degree in 1948. From 1941 to 1945 he served as a flying instructor in the United States Army. On April 1, 1948, he joined the faculty of The Ohio State University as Associate County Extension Agent in Van Wert County. Graduate education was pursued at Purdue University, Georgetown University and The Ohio State University where he received the Master of Science degree in 1964.

Professor Becher retired June 30, 1978, culminating over 30 years of dedicated service to the citizens of Van Wert County. Throughout his entire career he was a dedicated and highly respected educator. He was known and respected by his peers on the extension faculty throughout the state. His effective leadership and contributions to the horticultural and youth interests of Van Wert County and northwestern Ohio are well remembered. He served these audiences well.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Becher its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of sympathy and respect.

Harold V. Ellingson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 24, 1979, of Harold V. Ellingson, Professor Emeritus in the Department of Preventive Medicine.

Professor Harold V. Ellingson was born in Parker, Idaho, on February 26, 1913. He attended elementary and high school in St. Anthony, Idaho, and went on to the University of Idaho, where he received the Bachelor of Science degree in 1935. He pursued graduate studies at the University of Wisconsin, where he was awarded the degrees of Master of Science in 1936, and Doctor of Philosophy in 1939. He also attended the University of Wisconsin College of Medicine and obtained the Doctor of Medicine degree in 1941.

In 1942, Dr. Ellingson entered the U. S. Army Medical Corps as a First Lieutenant and was assigned as Medical Laboratory Officer and Medical Safety Officer at Ft. Detrick, Maryland. In 1945, Dr. Ellingson was assigned to the Johns Hopkins School of Hygiene, where he earned the Master of Public Health degree. He then served as Public Health Consultant and Laboratory Chief in Korea and returned to the United States in 1948 as Hospital Commander at Ft. Detrick. He attended the School of Aviation Medicine, Randolph Air Force Base, 1945-46, and was subsequently appointed Head of the Department of Preventive Medicine at the School.

Dr. Ellingson served as Deputy Surgeon in the Alaskan Air Command, 1954 to 1957, and as Director of Education at the School of Aviation Medicine, 1957-59. In 1959, he was

January 10, 1980 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Harold V. Ellingson (contd)

appointed Commander of the USAF Medical Service School and in 1963 as Commander of the USAF School of Aerospace Medicine. Dr. Ellingson received numerous military awards, including the Legion of Merit with Oak Leaf Cluster.

In 1966, Dr. Ellingson retired from the U. S. Air Force and was appointed Chairman and Professor of Preventive Medicine at The Ohio State University College of Medicine. He served in this position until his retirement in 1977. He gave leadership to the faculty of the Department in the development of a unique graduate program aimed at the preparation of specialists in preventive medicine and teachers and researchers in epidemiology, environmental health, and health policy and planning. He was instrumental, with the departmental faculty, in developing a medical student outreach program that has, since 1971, assigned over 2,000 medical students to special projects in preventive medicine and community health.

Dr. Ellingson was certified in public health and in aerospace medicine by the American Board of Preventive Medicine and later served as President of the American College of Preventive Medicine and Secretary-Treasurer of the Board. He was also Chairman of the AMA Section on Preventive Medicine and Chairman of the Fellows' Group of the Aerospace Medical Association.

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Samuel B. Folk

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 15, 1979, of Samuel B. Folk, Professor Emeritus in the Department of Engineering Mechanics.

Professor Folk was born in Marion, Ohio, on October 18, 1897. As an undergraduate at Ohio State, he was an assistant in astronomy and instructor in civil engineering and received the Bachelor of Civil Engineering degree in 1920. He was an instructor in mechanics and hydraulics at Case Institute of Technology where he received the Master of Science degree. He taught at North Dakota State College and then was senior inspector for the Pennsylvania Highway Department before returning to Ohio State as assistant professor of mechanics in 1926. During World War II, he served the U. S. Office of Education, Department of Engineering Science, and Management War Training. He retired from teaching in 1967.

Professor Folk authored numerous technical papers and was co-author with James E. Boyd of the popular undergraduate textbook, *Strength of Materials*, 5th Edition, published in 1950. He was a Fellow of the American Society of Civil Engineers, a Fellow of the American Society of Mechanical Engineers, and a Fellow of the American Association for the Advancement of Science.



January 10, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Samuel B. Folk (contd)

Professor Folk belonged to several honorary and professional societies and often served as an officer. He is remembered as an excellent teacher, having won the College of Engineering's Meritorious Teaching Award. He served the department for many years as vice chairman and graduate committee chairman and was responsible for planning and remodeling of Boyd Laboratory.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Dwight M. Palmer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 14, 1979, of Dwight M. Palmer, Professor Emeritus in the Department of Medicine.

Dr. Palmer was a remarkable and gifted faculty member who contributed heavily to the development of this institution and whose activities spanned the period of its greatest growth spurts. His life in medicine, as was typical of physicians of his era, was characterized by dignity and high professionalism.

Dr. Palmer came from rural origins in Scio, Ohio, and distinguished himself as a brilliant student throughout the educational process. As an undergraduate at Ohio State, he earned his way as a teaching assistant in anatomy in his junior and senior years. He continued as an instructor in anatomy throughout medical school days, which were marked by high scholarly performance and an AOA membership. In 1932, Dr. Palmer started his internship at the old White Cross Hospital. Then, partway through his internship, either because of reconsideration of career goals or of intensive proselyting efforts by Dr. Francis Landacre, he returned to a full-time position in anatomy. Under Landacre's tutelage, Dr. Palmer completed a series of embryological studies, taught gross and microscopic anatomy and took over the course in neuroanatomy. In addition, he managed to complete work for a Master's degree in neuropathology. From the neuroanatomy course, there developed a textbook called, *The Human Nervous System*, first published in 1937. It is a remarkable volume, having clear exposition and an excellent integration of structure with neurological and psychological functions, an accomplishment far ahead of its time.

Dr. Palmer became more and more drawn to the clinical aspects of brain function. In 1937, he transferred to the Department of Medicine where he began teaching neurology and psychiatry. Through intensive self-study and observation, he achieved proficiency in these fields and was certified in both psychiatry and neurology in 1940. These teaching activities continued through the war years. In 1943 and 1944, he served as secretary of the faculty.

By 1952, it was clear that the growth of the neurological and psychiatric disciplines was so great as to require separate units. The department was split up and Dr. Palmer elected to

January 10, 1980 meeting, Board of Trustees

## **RESOLUTIONS IN MEMORIAM (contd)**

**Dwight M. Palmer (contd)**

follow his major interest, returning to the Department of Medicine as Director of the Division of Neurology. Again, a substantial number of publications in clinical neurology and EEG followed his new appointment.

In 1965, he felt the need to reduce his responsibilities somewhat and retired as director. At about this time another clinical interest developed, that of forensic medicine. He was elected President of the American Academy of Forensic Science and later served on the National AMA Committee which completed the arduous task of assigning disability ratings to all neurological and psychiatric disorders. In 1972 he became Professor Emeritus.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## **AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY**

**Resolution No. 80-65**

*Synopsis: Approval of amendments to Rules of the University Faculty (3335-3-09, 3335-5-52 and 3335-5-54) is being proposed.*

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate:

**3335-3-09** Vice president for student services.

The principal administrative officials in the office of student services reflect the organizational change in the office with the inclusion of the new titles.

**3335-5-52** Council on admission and registration.

Membership on the council on admission and registration changed from vice president for business and administration to vice president for educational services to reflect the change of responsibilities.

**3335-5-54** Committee on academic misconduct.

The assistant vice president for student programs and development was changed to dean of student life to indicate the new title in the office of student services.

January 10, 1980 meeting, Board of Trustees

## AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

### NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty*, as approved by the University Senate on November 10, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

### RULES

#### 3335-3-09 Vice president for student services.\*

- (C) The principal administrative officials of the office of student services shall be the assistant vice president(s), the dean of student life, the director of counseling and consultation services, the director of the university health services, the director of Ohio/Drake unions, the director of student financial aids, the director of athletics, the director of residence and dining halls, the director of recreation and intramural sports, the director of international student and scholar services, and such other associates as may be authorized from time to time. (B/T 7/11/68, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79, B/T 1/10/80)

#### 3335-5-52 Council on admission and registration.

- (A) The council on admission and registration shall consist of seventeen members chosen as follows:
- (2) Ex officio members. The persons holding the following three titles shall be ex officio members: provost or his designee (who shall serve as chairman of the council); vice president for educational services or his designee (who shall serve as secretary of the council); and the vice president for finance and planning or his designee.

#### 3335-5-54 Committee on academic misconduct.

- (A) The committee on academic misconduct shall consist of six members of the university faculty, two representatives from the council of graduate students, two undergraduate students, and without vote, the dean of student life (or his designee) ex officio. The committee membership shall also include a coordinator, appointed by the provost, and charged with assisting the committee in administrative matters. The coordinator shall not participate in the decisions of the committee. The six members of the university faculty shall be elected by the senate for a term of three years, the election to be held annually so that two members will retire each year. No member of the university faculty shall serve more than two consecutive terms.

\*Rule initiated by board of trustees.

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January 10, 1980 meeting, Board of Trustees

**AMENDMENT OF RULE 3335-9-13 -- APPLICATION AND ACCEPTANCE FEES**

Resolution No. 80-66

*Synopsis: An amendment to Rules of the University Faculty establishing a foreign student application fee is proposed.*

WHEREAS the costs of reviewing applications submitted by foreign students are higher than for other applicants; and

WHEREAS the number of foreign students enrolling is low when compared to the number of foreign applications received and processed; and

WHEREAS the Board of Trustees on November 30, 1979, authorized an application fee of \$25 for foreign applicants seeking admission for Spring Quarter, 1980, or later:

NOW THEREFORE

BE IT RESOLVED, That Rule 3335-9-13 of *Rules of the University Faculty* is hereby amended by adding thereto subsection (F) to read as follows:

3335-9-13 Application and acceptance fees.

(F) Graduate applications by foreign students for first admission to the university must be accompanied by an application fee. This fee is non-refundable and is not credited against any other fees charged by the university.

Upon motion of Mr. Devenow, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**UNIVERSITY RETIREMENT BENEFITS**

Resolution No. 80-67

*Synopsis: It is proposed that membership in the University's Retirement Plan shall be optional effective February 1, 1980.*

WHEREAS the Board of Trustees in April, 1939, established a plan of retirement benefits for faculty members, effective January 1, 1940, to supplement the benefits of the State Teachers Retirement System; and

WHEREAS the University's plan was mandatory and provided for the purchase of annuities by payroll deduction of 4 per cent on salaries up to \$5,000 with the University contributing 2 per cent (added to the participant's salary) and the faculty member contributing 2 per cent; and

January 10, 1980 meeting, Board of Trustees

#### UNIVERSITY RETIREMENT BENEFITS (contd)

WHEREAS effective October 1, 1950, the full 4 per cent payroll deduction contribution was funded by the University (added to the participant's salary) for faculty members enrolled at that time, and the plan, reduced to a 2 per cent contribution funded by the University, was made optional for faculty members new to Ohio State on and after that date; and

WHEREAS Board action effective June 30, 1955, ended the enrollment of new members in the plan; and

WHEREAS a resolution in 1958 permitted participants to withdraw on a one-time-only basis, effective January 1, 1959:

#### NOW THEREFORE

BE IT RESOLVED, That membership in the University's Retirement Plan shall be optional for all participants as of February 1, 1980, and those desiring to discontinue participation shall notify the Vice President for Personnel Services, in writing not later than thirty (30) days prior to the date discontinuance from the plan is desired, and the University shall, on the date discontinuance is to be effective, relinquish all claim or control over the policies of those persons withdrawing from the plan; and

BE IT FURTHER RESOLVED, That for members withdrawing from the University's Retirement Plan, the salary add-on contribution (\$204 per annum for those enrolled prior to October 1, 1950 or \$108 per annum for those enrolled on and after October 1, 1950) made by the University shall be discontinued on the effective date of withdrawal from the plan; and

BE IT FURTHER RESOLVED, That the University's contribution under the Retirement Plan shall be continued for those persons remaining in the plan.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### PERSONNEL ACTIONS

Resolution No. 80-68

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 30, 1979 meeting of the Board, including the following Leaves of Absence Without Salary and Emeritus Titles, as detailed in the University Budget for 1979-80, be approved.

January 10, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary

DAVID F. ROBINSON, Associate Professor, Department of Slavic and East European Languages and Literatures, effective April 1, 1980 through June 30, 1980, to study Slavic paleography in Bulgaria under a grant from the International Research and Exchange Board.

THOMAS E. LINEHAN, Instructor, Department of Art Education, effective April 1, 1980 through September 30, 1980, to accept visiting assistant professorship in the Department of Art Education at the University of Oregon.

#### Emeritus Titles

DONALD F. WESTRA, Office of Medical Affairs, with the title Assistant Vice President Emeritus, effective February 1, 1980.

C. EUGENE MAYNARD, Marion Campus, with the title Dean/Director Emeritus, effective February 1, 1980.

CHARLES P. KNOTTS, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1980.

ROBERT M. GIESY, Department of Botany, with the title Associate Professor Emeritus, effective February 1, 1980.

ANN M. SULLIVAN, University Libraries, with the title Instructor Emeritus, effective January 1, 1980.

Upon motion of Mr. Smith, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-69

*Synopsis: The report on contracts, grants and gifts and the summary for November are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**NOW THEREFORE**

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of November 1979, be approved.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**SUMMARY FOR NOVEMBER 1979**

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 86,896.25
The Ohio State University Research Foundation	60	2,583,651.29
Engineering Experiment Station	2	21,290.00
		\$2,691,837.54
September 1979		
The Ohio State University Development Fund	1,760 Donors	\$ 521,848.83
October 1979		
The Ohio State University Development Fund	3,437 Donors	\$ 811,276.11

**Establishment of Named Funds**

The Ernestine G. Wampler Bucher Fund (College of Law)	\$ 60,000.00
The William M. Batten Scholarships in Administrative Science (Undergraduate female and/or minority students)	\$ 30,000.00
The Margaret B. Gill Scholarship (Undergraduate students - School of Home Economics)	\$ 5,420.00

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR NOVEMBER 1979 (contd)**

**Establishment of Named Funds**

Warren Wheeler Memorial Fund (Visiting professorship in pediatrics)	\$ 5,312.00
Neal E. Vivian Research Award (Research in marketing and distributive education)	\$ 3,501.37

**Report from Presidents Club**

Members to date	3,289
1979: year to date	447
New members - November 1979	50

**New Presidents Club Members - November 1979**

Frank Adams	Robert Kaplan
George Avakian	Norman M. King
John V. Barger, III	John D. Kost
James E. Barton	Barbara C. LaRose
Jared N. Block	Daniel T. Marshall
Roger B. Christenson	Kathryn Anne Minton
D. J. Dallis	Karen M. Moore (Mrs. R. E.)
Bruce T. Davis	Larry Olmutz
Richard J. DeLapa	Joseph W. Olson
Donald A. Delewese	Earl B. Poling
Howard G. Duhamel	Donald A. Raabe
Leta M. Duhamel (Mrs. H. G.)	Richard J. Rogers
John B. Dwyer	Thomas E. Rogers
James D. Edwards	Brent A. Rowland
Peggy M. Falla	Paul D. Ruff
Joseph E. Flannery	Dorothy D. Scott
David P. Gerlach	Daniel J. Strickland
John B. Gerlach, Jr.	William R. Studebaker
Rebecca H. Grogan (Mrs. R. J.)	Joe R. Tribble
Leslie S. Gutter	David F. Ullman
James C. B. Handley	Elizabeth C. Walton
Pamela Henderson (Mrs. H. W.)	Michael J. West
Edward D. Hilt	Calvin D. Wible
Annabelle E. Hoge (Mrs. V. M.)	Robert Woods
William J. Hunzicker	Larry R. Zay



January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**FIRST QUARTER SUMMARY**

July 1, 1979 through September 30, 1979

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Source	No. of Donors	Support Level
<b>ANNUAL GIVING</b>		
Direct Mail	2,903	\$ 50,048.50
Annuaals	2,412	34,155.35
Miscellaneous	5,112	227,897.22
Community Campaigns	101	1,390.00
Corporate Matching Gifts	144	34,671.40
<b>TOTAL</b>	<b>10,672</b>	<b>\$ 348,162.47</b>
<b>MAJOR RESOURCES</b>		
Deferred Gifts	18	\$ 177,799.77
Major Individuals	348	388,101.11
Corporations	269	614,492.20
Corporate Foundations	91	169,048.00
Private Foundations	37	92,092.57
Other Organizations	399	482,043.07
<b>TOTAL</b>	<b>1,162</b>	<b>\$1,913,576.72</b>
<b>GRAND TOTAL</b>	<b>11,834</b>	<b>\$2,261,739.19</b>

January 10, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### OFFICE OF BUSINESS AND ADMINISTRATION

#### Federal Contract/Grant

\$72,639.00 - Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Health Resources Administration, Hyattsville, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1979 through September 30, 1980. (Grant No. 5E03MB15402-14)

#### Other Non-Federal Contracts/Grants

\$10,000.00 - Central Ohio Instructional Resource Center, Columbus, Ohio, for Off-Campus Inservice Courses through COSERRC, Academic Faculty for Exceptional Children, November 1, 1979 through June 13, 1980. (Project No. 170C-IRC-80)

\$4,257.25 - The Midwest Universities Consortium for International Activities, Inc. (MUCIA), Madison, Wisconsin, for Women in Development Network, International Program in Agriculture, September 15, 1979 through September 15, 1980.

TOTAL - OTHER NON-FEDERAL CONTRACTS/GRANTS

\$14,257.25

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$172,863.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support, Cancer Research Center (C. J. Cavalaris), 1 September 1979 through 31 August 1980. (Project 761832 - Continuation)

\$140,752.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., In Vitro Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. Milo and J. Blakeslee), 1 October 1979 through 30 June 1980. (Project 760702 - Continuation)

\$120,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Extension and Expansion of Epitaxial Magnetic Film Evaluation Techniques, Department of Physics (P. Wigen) and Department of Electrical Engineering (M. O. Thurston), 1 October 1979 through 30 September 1980. (Project 764596 - Continuation)

\$85,037.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1979 through 30 November 1980. (Project 762525 - Continuation)

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$76,457.00** - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Research on Visual Flight Simulation: Assessment of Scene Complexity and Cue Validity, Department of Psychology (H. Shulman, D. Owen and P. Isaac) and Department of Aviation (R. Jensen), 1 October 1979 through 14 September 1980. (Project 761566 - Continuation)

**\$75,788.00** - National Science Foundation, Washington, D. C., Wear and Friction of Metallic Materials, Department of Metallurgical Engineering (D. A. Rigney), 1 November 1979 through 31 October 1980. (Project 761244 - Continuation)

**\$71,218.00** - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, The Study of Factors Affecting the Precise Estimation of the Earth's Gravity Field, Department of Geodetic Science (R. H. Rapp), 1 October 1979 through 30 September 1980. (Project 761451 - Continuation)

**\$69,245.00** - National Science Foundation, Washington, D. C., Late Quaternary Chronology of Ice-Marginal Variations in the Eastern and Western Cordilleras of Peru, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (J. H. Mercer), 15 October 1979 through 31 October 1981. (Project 761952 - New)

**\$59,623.00** - National Science Foundation, Washington, D. C., Thermo-regulatory Significance of Pigment Intensity in Avian Adaptations, Department of Zoology (S. I. Lustick), 1 November 1979 through 31 October 1982. (Project 761934 - New)

**\$50,000.00** - National Science Foundation, Washington, D. C., Development and Expression of Bacterial Viruses in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 November 1979 through 31 October 1980. (Project 761938 - New)

**\$49,995.00** - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, Computer Animation of a Realistic Terrain Model, Department of Art Education (C. A. Csuri), 1 December 1979 through 30 November 1980. (Project 761954 - New)

**\$49,992.00** - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference and Optimization with Special Applications, Department of Statistics (J. S. Rustagi and E. J. Dudewicz), 1 October 1979 through 30 September 1980. (Project 761219 - Continuation)

**\$49,983.00** - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Advanced Numerical Optical Concepts, Department of Electrical Engineering (S. Collins), 18 October 1979 through 30 September 1980. (Project 760625 - Continuation)

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$46,630.00 - Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Review and Analysis of Water Supply and Demand Projections for the Central Ohio Area, Department of Civil Engineering (E. E. Whitlatch, Jr.), 9 November 1979 through 30 September 1980. (Project 761943 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Role of Alpha-Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 November 1979 through 31 October 1980. (Project 761432 - Continuation)

\$34,374.00 - Department of the Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, TVCM Effects, Department of Electrical Engineering (J. Meadors), 1 October 1979 through 31 December 1979. (Project 761086 - Continuation)

\$34,200.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1979 through 14 December 1980. (Project 760222 - Continuation)

\$28,467.00 - National Science Foundation, Washington, D. C., Comparative Cytology of Selected Chlorophyta, Department of Botany (G. L. Floyd), 1 January 1980 through 31 December 1980. (Project 761939 - New)

\$27,241.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Introductory Study of the H-Force Rotor, Department of Mechanical Engineering (H. R. Velkoff), 1 November 1979 through 30 September 1980. (Project 760964 - New)

\$26,964.00 - National Science Foundation, Washington, D. C., Dating Late Cenozoic Glaciations in Southern Argentina, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (J. H. Mercer), 1 December 1979 through 30 November 1980. (Project 760965 - Continuation)

\$26,483.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Hemoglobin Iron Metabolism by Human Macrophages, Department of Medicine (J. J. Rinehart), 1 December 1979 through 30 November 1980. (Project 761483 - Continuation)

January 10, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$25,334.00 - National Science Foundation, Washington, D. C., Collaborative Research on Monopoly Prices and Qualities Under Uncertainty, Department of Economics (M. L. Visscher), 15 November 1979 through 30 November 1981. (Project 761947 - New)

\$20,944.00 - Department of Health, Education, and Welfare, Office of Human Development, Rehabilitation Services Administration, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1979 through 31 August 1980. (Project 760885 - Continuation)

\$16,067.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Influence of Roost Site Selection and Maximizing the Efficiency of Starling and Blackbird Energetics, Department of Zoology (S. Lustick), 1 December 1979 through 30 November 1980. (Project 761441 - Continuation)

\$9,990.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Dual Possibilities of the Merit Pay System: Reward or Reinforcement?, Department of Psychology (J. A. Rysberg), 15 November 1979 through 14 November 1980. (Project 761936 - New)

\$9,603.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Correlation Properties of Differential Reflectivity and Their Implications for Radar Meteorology, Department of Electrical Engineering (T. A. Seliga), 1 October 1979 through 31 January 1980. (Project 761512 - Continuation)

\$8,411.00 - Department of Health, Education, and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1979 through 31 August 1980. (Project 760804 - Continuation)

\$7,500.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 December 1979 through 30 November 1980. (Project 761955 - New)

\$6,919.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Model for Medical Treatments Evaluation, Department of Statistics (E. J. Dudewicz and J. Hsu), 1 September 1979 through 31 August 1980. (Project 761814 - Continuation)

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$6,691.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1978 through 31 December 1979. (Project 761083 - Continuation)

\$3,950.00 - U. S. Department of Agriculture, Forest Service, Bedford, Indiana, Distribution and Habitat Characteristics of the Indiana Bat in Wayne National Forest, Ohio, Department of Zoology (T. A. Bookhout), 1 October 1979 through 30 September 1980. (Project 761336 - Continuation)

\$883.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering (J. Meadors), 1 October 1979 through 22 November 1979. (Project 760547 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,451,604.00
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**State of Ohio Research Contracts/Grants**

\$197,499.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High-Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1979 through 30 September 1980. (Project 764100 - Continuation)

\$73,700.00 - State of Ohio, Department of Health, Columbus, Ohio, Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. Zuspan), 1 October 1979 through 30 September 1980. (Project 763510 - Continuation)

\$52,717.50 - State of Ohio, Department of Education, Columbus, Ohio, A Proposal for the Development of Sports Nutrition Educational Materials to be Used in Cooperation with the Nutrition Education and Training Program, Department of Human Nutrition and Food Management (L. P. Porcello and V. M. Vivian), 17 September 1979 through 15 September 1980. (Project 761941 - New)

\$43,848.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Executive Development Seminars for Community Action Programs, College of Administrative Science, Division of Continuing Education (J. P. Stanley), 15 September 1979 through 31 March 1980. (Project 761937 - New)

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$43,500.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Management of Muskingum Mussel Populations, Ohio Biological Survey (C. C. King) and Department of Zoology (D. H. Stansbery), 1 January 1980 through 31 December 1980. (Project 761946 - Continuation)

\$24,000.00 - State of Ohio, Developmental Disabilities Planning Council, Columbus, Ohio, Evaluation/Technical Assistance: Community Service Providers, Nisonger Center for Mental Retardation (W. E. Loadman), 1 January 1980 through 30 September 1980. (Project 761416 - Continuation)

\$22,800.00 - State of Ohio, Department of Health, Columbus, Ohio, Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. H. Kim), 1 October 1979 through 30 September 1980. (Project 763509 - Continuation)

\$6,000.00 - State of Ohio, Department of Education, Columbus, Ohio, The Ohio Deans' Project - A Comprehensive Personnel Preparation Development Plan in Special Education, Academic Faculty for Exceptional Children (T. M. Stephens), 13 November 1979 through 31 May 1980. (Project 761652 - Continuation)

\$5,827.79 - State of Ohio, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continued Development and Demonstration of a Habilitative Program for Disturbed, Retarded Institutional Residents, Nisonger Center for Mental Retardation (B. Edmonson), 1 August 1979 through 18 September 1979. (Project 761739 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$ 469,892.29**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$215,024.00 - Electric Power Research Institute, Inc., Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering (R. Caldecott), 1 January 1980 through 31 October 1980. (Project 760604 - Continuation)

\$139,117.00 - University of California, Davis, California, Intensive Forage Production Systems for Smallholder Sheep and Goat Productions, International Programs in Agriculture (M. G. Smith) and Department of Agronomy (R. W. Van Keuren), 1 June 1979 through 31 May 1980. (Project 761949 - New)

\$100,000.00 - Pfizer, Incorporated, Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1979 through 30 September 1980. (Project 760484 - Continuation)

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$42,894.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine (W. Malarkey), 1 January 1980 through 31 December 1980. (Project 760987 - Continuation)

\$31,051.00 - United Cerebral Palsy Research and Educational Foundation, Inc., New York, New York, Effect of Phenobarbital on Developing Rat Brain, Department of Pharmacology (S. Tjioe), 1 July 1980 through 30 June 1981. (Project 761948 - New)

\$30,000.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Evolution and Mechanisms of Symbiont-Host Recognition on Two Insect Disorders, Department of Medical Microbiology (N. L. Somerson), 1 September 1979 through 28 February 1981. (Project 761856 - New)

\$21,956.00 - Southeastern Center for Electrical Engineering Education, Orlando, Florida, Formal Analytical Structure for Manned Systems Technology, Department of Industrial and Systems Engineering (R. A. Miller), 10 October 1979 through 31 December 1980. (Project 761953 - New)

\$19,950.00 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761944 - Continuation)

\$19,607.00 - Franklin County Mental Health and Retardation (648) Board, Columbus, Ohio, Community Work Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1979 through 30 September 1980. (Project 761912 - Continuation)

\$13,250.00 - Wilmer-Hutchins Independent School District, Dallas, Texas, Membership in the Alliance for Career and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 761935 - New)

\$10,400.00 - Virginia State Corporation Commission, Richmond, Virginia, Fuel Cost Forecasting and Monitoring Procedures, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 1 July 1979 through 31 October 1979. (Project 761426 - Continuation)

\$5,000.00 - National Live Stock and Meat Board, Chicago, Illinois, Hypercholesterolemia, Vitamin E and Thrombosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1979 through 30 September 1980. (Project 761354 - Continuation)



January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$3,600.00 - National Semiconductor, Santa Clara, California, Resonance Field Measurement of Garnet and Iron Implanted Garnet, Department of Physics (P. E. Wigen), 1 November 1979 through 31 August 1980. (Project 761950 - New)

\$3,055.00 - College of the Mainland, Texas City, Texas, Technical Assistance, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768022 - New)

\$3,000.00 - Kalamazoo Valley Community College, Kalamazoo, Michigan; Caldwell Community College and Technical Institute, Hudson, North Carolina; Orangeburg-Calhoun Technical College, Orangeburg, South Carolina, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$2,500.00 - The Cleveland Foundation, Cleveland, Ohio, Ohio Commission for Children's Statewide Conference on Children's Needs, College of Administrative Science, Division of Continuing Education (D. E. Crawford), 1 November 1979 through 31 October 1980. (Project 761945 - New)

\$1,000.00 - World Health Organization, 1211 Geneva 27, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology (R. P. Herd), 1 January 1980 through 31 December 1980. (Project 760738 - Continuation)

\$426.00 - State of Florida, Department of Education, Tallahassee, Florida, Technical Assistance, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768023 - New)

\$325.00 - West Virginia State Department of Education, Charleston, West Virginia, Technical Assistance, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768024 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-  
FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$ 662,155.00**

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$15,650.00 - Gulf Research and Development Company, Pittsburgh, Pennsylvania, for Stress Response Associated with Underground Coal Gasification, Department of Engineering Mechanics, November 1, 1979 through October 3, 1980. (EES 600/529080)

\$5,640.00 - City of Columbus, Columbus, Ohio, for Startup: Full Scale Field Demonstration of Unheated Anaerobic Contact Stabilization, Department of Civil Engineering, October 25, 1979 through January 24, 1980. (EES 603/529083)

**TOTAL - INDUSTRIAL AND OTHER SPONSORED  
RESEARCH AND DEVELOPMENT**

**\$21,290.00**

**Sponsored Development Projects**

\$157,424.00 from various sponsors for 31 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$445,500.00 - Trust Under the Will of Kathryn L. Mitchell, Columbus, Ohio, for The Gilbert and Kathryn Mitchell Fund.

\$71,000.00 - Sidney L. Pressey Trust, Columbus, Ohio, for Sidney L. Pressey Honors Program Endowment Fund.

\$44,000.00 - Kaiser Aluminum and Chemical Corporation, Charleston, West Virginia, for Kaiser Aluminum Scholarship Program.

\$32,500.00 - The Yassenoff Foundation, Inc., Columbus, Ohio: \$25,000.00 for The Leo Yassenoff Chair of Jewish Philosophy and \$7,500.00 for Student Athlete Grant-in-Aid Fund.

\$32,000.00 - The Camille and Henry Dreyfus Foundation, Inc., New York, New York, for Dreyfus Teacher-Scholarship Grant.

\$30,000.00 - Ashland Oil, Inc., Ashland, Kentucky, for College of Engineering Campaign.

\$30,000.00 - Shell Companies Foundation, Inc., Houston, Texas: \$7,500.00 for Shell Companies Foundation Fund; \$7,500.00 for Shell Companies Foundation Fund for Chemical Engineering; \$7,500.00 for Shell Companies Foundation Fund for Metallurgical Engineering; and \$7,500.00 for Shell Companies Foundation Fund for Chemistry.

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$29,247.72 - Louise Orr Scott Foundation, Columbus, Ohio: \$21,935.79 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,311.93 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$28,861.00 - The University Obstetricians and Gynecologists, Columbus, Ohio, for EPR-OBS Fund.

\$23,610.00 - Ohio Lions Eye Research, Columbus, Ohio: \$6,260.00 for Ohio Lions; \$6,225.00 for Lions Research; \$6,050.00 for Electroencephalogram Fund; and \$5,075.00 for Visual Function Fund.

\$21,561.65 - Grace M. Weaver Trust, Cleveland, Ohio, for Cancer Research Fund.

\$15,000.00 - Systems Associates, Columbus, Ohio: \$9,000.00 for Cardiology Support Fund and \$6,000.00 for Cardiology Support Fund (given in the names of Theophil T. Sutton, M.D. and Carol O. Bush, respectively).

\$13,960.00 - The Upjohn Co., Kalamazoo, Michigan, for Clinical Pharmacology Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,075.00 - John B. Dwyer, Bryan, Ohio, for Presidents Club Special Fund.

\$10,000.00 - Estate Under the Will of Florence Ogden Wilson, Oklahoma City, Oklahoma, for Florence O. Wilson Endowment Fund.

\$9,950.00 - IBM, Thomas J. Watson Research Center, Yorktown Heights, New York, for Department of Physics IBM Minority Fellowship Fund.

\$9,758.00 - John W. Alford, Newark, Ohio, for Presidents Club Special Fund.

\$9,712.07 - University Eye Surgeons, Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$8,480.00 - Ohio Edison Company, Akron, Ohio, for Ohio Electric Utility Institute Fellowship Fund.

\$8,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$7,300.00 - Weirton Steel, Weirton, West Virginia, for National Steel Fellowship in Metallurgical Engineering.

\$6,700.00 - Select Sires, Plain City, Ohio, for Sperm Fertility Research.

\$6,664.97 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$6,567.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$6,150.00 - Eastman Kodak Company, Rochester, New York: \$1,950.00 for Eastman Kodak Scholarship in Industrial Engineering; \$1,650.00 for Eastman Kodak Scholarship in Chemical Engineering; \$1,200.00 for Eastman Kodak Scholarship in Electrical Engineering; \$600.00 for Eastman Kodak Scholarship in Engineering Physics; \$600.00 for Eastman Kodak Scholarship in Chemistry; and \$150.00 for Eastman Kodak Scholarship in Mechanical Engineering.

\$5,445.11 - Cravat Coal Company, Cadiz, Ohio, for Ohio 4-H Foundation Support Fund.

\$5,250.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for John L. Carruthers Fellowship in Ceramic Engineering.

\$5,012.91 - Antique Show Receipts, Columbus, Ohio, for Presidents Club Special Fund.

\$5,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for Corporate Associates.

\$5,000.00 - General Electric Foundation, Stamford, Connecticut, for Affirmative Action Program in Engineering Fund.

\$5,000.00 - Arlene and Thomas Patton Foundation, Cleveland, Ohio, for C. William O'Neill Professorship of Law Fund.

\$5,000.00 - Phillips Petroleum Foundation, Inc., Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Union Carbide Corporation, Tarrytown, New York, for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering.

January 10, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **The Ernestine G. Wampler Bucher Fund**

The Ernestine G. Wampler Bucher Fund was established January 10, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University College of Law, by the late Walter J. Bucher, of Montgomery County, Ohio, in memory of his wife, Ernestine G. Wampler Bucher, J.D. '30.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be spent at the direction of the Dean of the College of Law for whatever purpose, in the judgment of the Dean, will best serve the goal of promoting quality legal education at The Ohio State University College of Law.

Should the need for The Ernestine G. Wampler Bucher Fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

##### **The William M. Batten Scholarships in Administrative Science**

The William M. Batten Scholarships in Administrative Science was established January 10, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund arranged by William M. Batten, B.S.Bus.Adm. '32, of New York, New York.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide:

1. Partial scholarships of \$500 each for promising undergraduate students in financial need, with preference to qualified minorities in the College of Administrative Science. The purpose is to give economic assistance to students in need and to afford opportunities for promising minority students.
2. One \$500 merit scholarship for the outstanding female undergraduate in the College of Administrative Science. The scholarship should help to provide recognition for female achievement in this field and to encourage female participation in the mainstream of economic life.

January 10, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The William M. Batten Scholarships in Administrative Science (contd)**

Should the need for these particular scholarships cease to exist at a later date which we cannot anticipate, then the income may be used for other needed scholarships that relate to business and economics.

##### **The Margaret B. Gill Scholarship**

The Margaret B. Gill Scholarship in Home Economics was established January 10, 1980, by the Board of Trustees of The Ohio State University with a gift from family and friends to The Ohio State University Development Fund in memory of Margaret B. Gill, B.S.H.E. '39, M.S. '66.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students enrolled in the School of Home Economics, who best exemplify the academic excellence, professional leadership and creativity which she sought to develop in her students. The selection of the recipient(s) is to be made by the School of Home Economics Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever in the College of Agriculture and Home Economics as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

##### **Warren Wheeler Memorial Fund**

The Warren Wheeler Memorial Fund was established January 10, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of the late Warren Wheeler, M.D.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to partially underwrite the cost of an annual visiting professorship in pediatrics. The funding of this faculty position will be jointly sponsored by the Warren Wheeler Fund and Children's Hospital. The selection of the visiting professor is to be made upon the recommendation of the Warren Wheeler Fund Committee with approval by the Chairman of the Department of Pediatrics and the Dean of the College of Medicine.

January 10, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Warren Wheeler Memorial Fund (contd)**

The concept of the Warren Wheeler Memorial Fund is to provide annual support for a pediatric expert who will serve for a few days in the kinds of functions carried out by Dr. Wheeler during his years in training residents in pediatrics at Children's Hospital and the Department of Pediatrics at The Ohio State University. Dr. Wheeler was an outstanding clinician of diverse interests and abilities. It would be after his pattern that the candidates for the visiting professor would be selected and it would be clear that his primary role would be to participate with the house staff in their day-to-day experiences which would perpetuate the traditions of Dr. Wheeler's outstanding contributions to the training of pediatric house staff.

Should the need for the faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for pediatric education.

##### **Neal E. Vivian Research Award**

The Neal E. Vivian Research Award in marketing and distributive education was established January 10, 1980, by the Board of Trustees of The Ohio State University with gifts from friends to The Ohio State University Development Fund. The Neal E. Vivian Research Award, as established, will stimulate and recognize outstanding research in marketing and distributive education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal will be used to give an appropriate recognition to an individual for his/her contribution to research in marketing and distributive education. The recipient's name will also appear on a plaque to be located in the College of Education at The Ohio State University in memory of Neal E. Vivian. The recipient will be selected annually by the Council for Distributive Teacher Education and Research and Awards Committee. The chairperson of the committee will provide potential recipients with the eligibility requirements for the award.

Should the annual income from the principal be sufficient to support additional activities, consideration will be given to activities which support research in marketing and distributive education. The faculty for distributive education shall have the responsibility for recommending such activities. A decision for these activities shall be made by the Dean of the College of Education.

January 10, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**Neal E. Vivian Research Award (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Education.

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**REPORT OF AWARD OF CONTRACT AND  
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 80-70

*Synopsis: A contract has been awarded for the project enumerated below to the lowest and best bidder in accordance with University procedures.*

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contract for the following project:

**GOLF COURSE DAM - SPILLWAY EXPANSION AND RENOVATION**

Description: Expansion of spillway capacity, new backwall for the dropbox, new retaining walls, and asphalt repairs to the lower chute.

**General Contract**

Date Received:	December 11, 1979
No. of Bids:	3
Low Bid:	\$54,785.00
High Bid:	\$96,704.00
Estimate of Cost:	\$55,000.00
Awarded to:	The Righter Company, Columbus, Ohio



January 10, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND  
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

**GOLF COURSE DAM - SPILLWAY EXPANSION AND RENOVATION (contd)**

Total Contract: \$54,785.00

Total Contingency Allowance: \$ 3,664.58 which is 7 per cent of construction contract

Total Project Cost: \$60,000.00

Funding: Budget Account 885115 (Athletic Revenue)

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the action previously authorized by the Board, the award of contract and the establishment of project funds and contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AGREEMENT WITH THE OHIO BOARD OF REGENTS FOR THE OPERATION  
OF THE RESEARCH AND GRADUATE EDUCATION FACILITY  
AT THE TRANSPORTATION RESEARCH CENTER OF OHIO**

Resolution No. 80-71

*Synopsis: Request for authorization to enter into an agreement with the Ohio Board of Regents for the operation of the research and graduate education facility at the Transportation Research Center of Ohio.*

WHEREAS the Board of Regents has requested that The Ohio State University enter into a contract with the Regents for the purpose of continuing the management of the research and graduate education facility at the Transportation Research Center of Ohio for the benefit of all institutions of higher education in the State of Ohio; and

WHEREAS this contract provides that The Ohio State University will be responsible for convening an Advisory Board comprised of deans of the engineering colleges of the state-assisted and private colleges in Ohio for the purpose of consulting on matters relating to control and management of this facility:

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration of The Ohio State University be authorized to enter into such an agreement with the

January 10, 1980 meeting, Board of Trustees

**AGREEMENT WITH THE OHIO BOARD OF REGENTS FOR THE OPERATION  
OF THE RESEARCH AND GRADUATE EDUCATION FACILITY  
AT THE TRANSPORTATION RESEARCH CENTER OF OHIO (contd)**

Ohio Board of Regents for the operation of the research and graduate education facility located at the Transportation Research Center of Ohio, East Liberty, Ohio, for the period July 1, 1979 through June 30, 1981.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 80-72

RESOLVED, That the report on the University's Investment Portfolio, dated December 21, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, February 1, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 1, 1980

The Board of Trustees met at its regular monthly meeting on Friday, February 1, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

February 1, 1980 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Patricia D. James, Chairman, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 80-73

*Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Guy Dowdy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 17, 1980, of Guy Dowdy, Professor Emeritus, Cooperative Extension Service.

Mr. Dowdy was born November 3, 1889, at Union, West Virginia. He attended Marshall College and West Virginia University from which he received a Bachelor of Science degree in 1917. Graduate education was completed at The Ohio State University with a Master of Science degree awarded in 1920. Additional graduate education was undertaken both at The Ohio State University and the University of Southern California.

Prior to joining the faculty of The Ohio State University, Mr. Dowdy was employed as a County Extension Agent and as a public school teacher in West Virginia. Mr. Dowdy joined the faculty of The Ohio State University as an Assistant State Club Leader for boys and girls club work on February 1, 1920. He served in this capacity until April 1933. For the next fifteen years, he held a variety of positions primarily related to emergency program efforts. On February 1, 1948 he was named Assistant Supervisor of programs of the Ohio Cooperative Extension Service and held this position until the time of his retirement from The Ohio State University on June 30, 1958. From March 1956 until February 1958, Mr. Dowdy served on The Ohio State University team in India where his programming expertise was used to its fullest. Mr. Dowdy was a dedicated and highly respected Extension educational leader and became well known across Ohio, particularly for his leadership with the farmers' institutes that were so popular during his career. He will be remembered for his outstanding contributions to educational programs conducted by The Ohio State University through the Cooperative Extension Service.

February 1, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Guy Dowdy (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Dowdy its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss to the family, University and his many friends and associates.

Rossie Greer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 15, 1979, of Rossie Greer, Home Demonstration Agent Emeritus, Cooperative Extension Service.

Miss Greer was born April 5, 1886, in Greer, Ohio. She attended Brinkhaven High School from which she graduated in 1902. A Bachelor of Science in Home Economics degree was received from The Ohio State University in 1924. Graduate education was completed at Cleveland College and Claremont College with a Master's degree awarded in 1939.

Miss Greer joined the faculty of The Ohio State University as Home Demonstration Agent in Huron County on October 1, 1925. She served in this capacity until 1926 when she became Home Demonstration Agent in Lake County from which position she retired on December 31, 1947.

Miss Greer was a dedicated and highly respected home economics educator serving the people of Lake County and the Cooperative Extension faculty of The Ohio State University. Miss Greer was highly people-oriented and served with enthusiasm. She is remembered for her early and outstanding contributions to educational programs conducted by The Ohio State University through the Cooperative Extension Service.

On behalf of the University community, the Board of Trustees expresses to the family of Miss Greer its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss to the family, University and her many friends and associates.

Chester M. Winter

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 18, 1980, of Chester M. Winter, Professor Emeritus in the College of Dentistry.

Dr. Winter received his D.D.S. degree from The Ohio State University in 1930.

Dr. Winter was a member of the faculty of the College of Dentistry from 1949-1962 while maintaining a private practice. In 1962, he assumed a full-time faculty position in the Division of Prosthodontics in which he served until his retirement in 1974.

February 1, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Chester M. Winter (contd)

Dr. Winter was a member of the American Dental Association, the Ohio Dental Association, and the Columbus Dental Society. He was an elected member of Theta Chapter of Omicron Kappa Upsilon, the national dental honor society; and a member of Psi Omega, national dental fraternity. He authored several articles on prosthetic dentistry and gave presentations at meetings of the International Association for Dental Research.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 80-74

*Synopsis: Changes in Bylaws of the Board of Trustees and Rules of the University Faculty are proposed.*

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Bylaws of the Board of Trustees* and *Rules of the University Faculty* were approved by the University Senate on January 19, 1980, as follows:

### BYLAWS OF THE BOARD OF TRUSTEES

3335-1-05 University organization.

Additional paragraph added to include the four regional campuses and the administrative heads of such campuses.

3335-1-08 Drives and canvassing.

Changes responsibility for granting permission for drives and canvassing from president to the office of registration, records and scheduling.

### AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

3335-5-44 Constituent bodies of the senate.

The Council on Student Affairs has recognized the Graduate Professional Council as the representative body for the professional student constituency.



February 1, 1980 meeting, Board of Trustees

**AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)**

**AMENDMENTS TO *RULES OF THE UNIVERSITY FACULTY* (contd)**

3335-5-46 Senate committees.

Representation on Steering Committee changed from vice president for business and administration to vice president for finance and planning since the duties of these administrators have been redefined.

3335-13-01 Drives and canvassing.

Changes the responsibility for granting permission to sell or canvass on campuses to the office of registration, records and scheduling.

WHEREAS the Regional Campus Review Panel, appointed by the Provost, has made recommendations regarding the operation and organizational structure of the regional campuses, including the addition of new rules and amendments to existing rules in order to incorporate references to regional campuses within the *Rules of the University Faculty* to reflect these changes:

**NEW RULES**

3335-3-261 Establishment of regional campuses.

The four regional campuses are established and the principal administrative heads are defined.

3335-3-291 Dean and director of a regional campus.

Describes the administrative authority and responsibility of the regional campus dean and director.

3335-5-091 Communication with the vice president for regional campuses.

Established procedures for communication with the vice president for regional campuses.

3335-5-181 Membership.

Faculty membership for regional campuses is defined.

3335-5-182 Meetings.

Procedure established for faculty meetings.

**AMENDMENTS**

3335-3-13 Vice president for regional campuses.

3335-3-17 Principal administrative officials.

February 1, 1980 meeting, Board of Trustees

**AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)**

**AMENDMENTS (contd)**

- 3335-3-25 Organization of the university.
- 3335-3-32 Associate and assistant deans, coordinators and other officers.
- 3335-3-35 Chairmen of departments, directors of schools.
- 3335-5-06 Guest speakers.
- 3335-5-08 Absence from duty.
- 3335-5-13 Membership.
- 3335-5-17 Membership.
- 3335-7-20 Examination schedules.
- 3335-7-34 Residence work.
- 3335-15-02 The university.

**NOW THEREFORE**

BE IT RESOLVED, That the Board of Trustees adopt the foregoing amendments to the *By-laws of the Board of Trustees* and new rules and amendments to the *Rules of the University Faculty* as approved by the University Senate.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**BYLAWS**

**3335-1-05 University organization.**

- (B) Basic educational organization of the university. The basic organization of the educational units of the university shall be departments, divisions, academic faculties, schools, research institutes, colleges, regional campuses, the graduate school, the colleges of the arts and sciences, and the agricultural technical institute.
- (I) Regional campuses. There shall be four regional campuses of the university located at Lima, Mansfield, Marion, and Newark, Ohio. The administrative head of each regional campus shall be a dean and director.
- (J) Agricultural technical institute. The unit of the university for instruction leading to the associate of applied science degree in the agricultural technologies is the agricultural technical institute (Wooster). Regarding matters of administration and operation, the agricultural technical institute shall function as a school in the college of agriculture and home economics.

### **BYLAWS (contd)**

#### **3335-1-08 Miscellaneous.**

##### **(D) Drives and canvassing.**

- (1) Canvassing or solicitation for funds, sales, or subscriptions are prohibited on the university campuses or in university buildings unless written permission therefor shall first have been granted by the office of registration, records and scheduling.
- (2) The sale of merchandise of any kind whatsoever or publications or services upon university property other than by the regularly authorized stores, restaurants, departments or divisions of the university, is likewise prohibited except upon written permission of the office of registration, records and scheduling.
- (3) Any persons violating this paragraph (D) of this rule shall be subject, upon proper notice, to eviction from university property or arrest.

### **RULES**

#### **3335-5-44 Constituent bodies of the senate.**

Subject only to the provisions listed below in this paragraph, the representatives to the senate of the administration, of the faculty, and the students shall have the right to meet separately and to organize themselves in whatever manner they shall deem appropriate. As far as the senate is concerned, these bodies represent separate memberships. They may initiate proposals and submit them to the university senate for consideration. The senate, however, shall be independent of these bodies, and its actions shall not need their concurrence nor be subject to their review.

- (C) The student representatives to the senate shall designate to the program committee one person or officer from the undergraduate student government, the council of graduate students, and the graduate-professional council, to be responsible for submitting to the senate those proposals and recommendations which come from those respective groups.

#### **3335-5-46 Senate committees.**

- (H) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate reelection. The representatives from the administration shall be the provost and the vice president for finance and planning. The (elected) members of the steering committee shall be chosen as follows:
  - (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
  - (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.

**RULES (contd)**

- (3) The four student members shall be as follows:
- The president of the graduate-professional council
  - The president of the council of graduate students
  - The president of the undergraduate student government
  - One elected through nomination from the undergraduate student membership of the senate.

**3335-13-01 Drives and canvassing.\***

- (A) Canvassing or solicitation for funds, sales, or subscriptions are prohibited on university campuses or in university buildings unless written permission therefor shall first have been granted by the office of registration, records and scheduling which may seek recommendation regarding requests for permission from appropriate university offices.
- (B) The sale of merchandise of any kind whatsoever, or publications or services upon university property, other than by the regularly authorized stores, restaurants, departments or divisions of the university, is likewise prohibited except upon written permission of the office of registration, records and scheduling which may seek recommendation regarding requests for permission from appropriate university offices. The responsibility and authority of the office of registration, records and scheduling under this rule may be delegated by it to a member of the university faculty or staff.
- (C) Any persons violating this rule shall be subject, upon proper notice, to eviction from university property or arrest.

**NEW RULES**

**3335-3-261 Establishment of regional campuses.**

There shall be four regional campuses of the university located at Lima, Mansfield, Marion, and Newark, Ohio. The administrative head of each regional campus shall be a dean and director. (B/T 2/1/80)

**3335-3-291 Dean and director of a regional campus.**

- (A) There shall be a dean and director of each regional campus who shall be a member of its faculty and the administrative head of the regional campus. He shall be appointed by the board of trustees upon nomination of the president. Before making his nomination, the president or his designee shall confer with the vice president for regional campuses, the regional campus faculty, the department or school in which the faculty appointment would be made, and shall consider the recommendations of the deans of the colleges with regular faculty assigned to that campus.
- (B) The major responsibility of each regional campus dean and director shall be that of providing active leadership in the promotion, direction, and support of

\* Rule initiated by board of trustees.

### **RULES (contd)**

educational activities and research opportunities, in the maintenance of a high level of morale among the faculty, and in the encouragement of the spirit of learning among the students. In addition he shall have administrative responsibility for the program of the regional campus subject to the approval of the vice president for regional campuses, the president, and the board of trustees. These administrative responsibilities shall include the duty:

- (1) To preside at meetings of the faculty executive committee and to appoint members to regional campus committees unless the method of selection is determined by the Administrative Code or by the regional campus faculty.
- (2) To present a pattern of administration for regional campus following the principles set forth in paragraph (B) (2) of rule 3335-3-35 of the Administrative Code.
- (3) To communicate to the regional campus community the educational programs, standards, and policies of the campus and the university.
- (4) To establish the extent and variety of course offerings on the regional campus in consultation with the vice president for regional campuses, the appropriate college deans, department chairmen or school directors, and the faculty of the regional campus.
- (5) To consult with the appropriate college dean and department chairman or school director and to jointly offer employment to prospective faculty members assigned to the campus.
- (6) To assist the appropriate college deans, department chairmen, and school directors in the annual review of all faculty assigned to the regional campus. This assistance shall include a written evaluation of the faculty member's teaching, research, and service activities on and for the regional campus. The regional campus dean and director shall be consulted when a regional campus faculty member is being considered for promotion and tenure and may suggest such candidates to the appropriate chairmen and directors.
- (7) To prepare and administer the regional campus budget in consultation with the regional campus faculty budget committee; to consult with the appropriate chairman or director regarding faculty salary recommendations; to be responsible for the management, maintenance, and security of the physical plant and capital equipment of the regional campus.
- (8) To maintain liaison with community councils and agencies and to garner support of regional campus programs and activities.
- (9) To develop, promote, and maintain educational, cultural, and service programs with approval of the appropriate university bodies and administrative officials. The dean and director shall review all such programs periodically.

February 1, 1980 meeting, Board of Trustees

### **RULES (contd)**

- (C) The dean and director shall also be responsible for such other matters pertinent to the regional campus which may be designated by the vice president for regional campuses. (B/T 2/1/80)

3335-5-091 Communication with the vice president for regional campuses.

- (A) Each faculty member assigned to a regional campus shall have the right to transmit, through his dean and director, to the vice president for regional campuses, any communication bearing upon the work in which he is personally engaged, and the dean and director shall promptly transmit to the vice president any communication so received. For faculty with the rank of professor, this usual method of communication may be altered in an individual case.
- (B) This rule shall in no way limit the vice president for regional campuses in communicating with the regional campus faculty. (B/T 2/1/80)

### **Regional Campus Faculties**

3335-5-181 Membership.

A regional campus faculty shall be comprised of those regular and full-time auxiliary faculty members rendering primary service on that campus, the dean and director of the campus, and the president of the university. (B/T 2/1/80)

3335-5-182 Meetings.

The regional campus faculty shall meet upon call of the dean and director or in accordance with rules established by that regional campus faculty. (B/T 2/1/80)

3335-3-13 Vice president for regional campuses.\*

- (C) The principal administrative officials of the office of regional campuses shall be the dean and director of the Lima campus, the dean and director of the Mansfield campus, the dean and director of the Marion campus, the dean and director of the Newark campus, and such other associates as may be authorized from time to time. (B/T 9/10/70, B/T 2/1/80)

3335-3-17 Principal administrative officials.\*

- (A) The term "principal administrative official" shall include the members of the president's staff, the deans of the colleges and the dean and directors of regional campuses and their designated staffs, the director of the university libraries, chairmen of academic departments and faculties, and directors of schools and major interdisciplinary centers. The members of the president's staff shall identify to the president such other persons in their areas of responsibility who shall be considered principal administrative officials of the university.

\* Rule initiated by board of trustees.

**RULES (contd)**

**Establishment and Organization of Regional Campuses, Colleges,  
Schools, Departments, and Institutes**

**3335-3-25 Organization of the university.\***

- (C) The basic organization of the educational units of the university shall be departments, divisions, academic faculties, schools, research institutes, colleges, regional campuses, the graduate school, the colleges of the arts and sciences, and the agricultural technical institute.

**3335-3-32 Associate and assistant deans or directors, coordinators, and other officials.\***

Each college, the colleges of the arts and sciences, the graduate school, and each regional campus may have associate and assistant deans or directors, coordinators, or such administrative officials as are needed to carry out the programs of each unit. These persons shall be appointed pursuant to the procedures outlined in rule 3335-5-02 of the Administrative Code and shall be responsible to the principal administrative official of the educational unit, and shall have such responsibilities and authorities as may be delegated to them from time to time by that official.

**3335-3-35 Chairmen of departments, directors of schools.\***

- (A) There shall be a chairman of each department and a director of each school, who shall be the administrative head, respectively, of the department or school. Each chairman and director shall be appointed for a term of four years by the board of trustees upon the nomination of the president. A chairman or director shall be eligible for reappointment.

In selecting a chairman or director, the president shall confer with the dean of the college involved. The dean, in turn, will consult with the faculty of the department or school on all campuses, as well as other appropriate university officials.

- (B) The duties of the chairman of a department or the director of a school shall be as follows:

- (10) To see that all faculty, regardless of their assigned location, are offered the departmental privileges and responsibilities appropriate to their rank; and in general to lead in maintaining a high level of morale.

**3335-5-06 Guest speakers.\***

- (A) It is the policy of the university to foster a spirit of free inquiry and to encourage the timely discussion of the broad range of issues which concern our nation, provided that the views expressed are stated openly and are subject to critical evaluation. Within our prevailing standards of decency and honesty, this policy shall be construed to mean that no topic or issue is too controversial for intelligent

\* Rule initiated by board of trustees.

**RULES (contd)**

discussion on the campuses. Restraints on free inquiry should be held to that minimum which is consistent with preserving an organized society in which change is accomplished by peaceful, democratic means.

- (B) To this end, a recognized student organization, after consultation with and prior approval of its faculty adviser, may invite guest speakers to the campuses to address meetings (see paragraph (C) of rule 3335-13-03 of the Administrative Code), subject only to the following provisions:

**3335-5-08 Absence from duty.\***

Absence of any member of the teaching staff from ordinary service in the university, for any cause other than sickness, must be with the knowledge and approval of his chairman or director and of the dean of the college and, if for longer than ten days, with the approval of the provost. For faculty assigned to a regional campus, the dean and director of that campus and the vice president for regional campuses must also be notified and approve the absence. Sick leave is granted on approval of the appropriate administrative official when notification is given as soon as practicable, presumably on the first day of absence.

**3335-5-13 Membership.**

Every member of the university faculty shall be a member of the college faculty or faculties to which he is assigned regardless of the location of his primary duty. In cases involving doubt as to the proper college to which the university faculty member is assigned, assignment will be made by the provost after obtaining the recommendation of the deans and/or dean and directors concerned.

**3335-5-17 Membership.**

The department or school faculty shall comprise all members of the department or school who are members of the college faculty and such other members of the department or school as the chairman or director may from time to time designate. The chairman or director shall be chairman of the department or school faculty (see rule 3335-3-35 of the Administrative Code). The faculty of the department or school, on all campuses, shall make recommendations on educational policies to the faculty of the college. In addition, the faculty of the school shall have the several academic powers set forth in rule 3335-3-34 of the Administrative Code. The president of the university and the dean of the college are members of the faculty of each department or school.

**3335-7-20 Examination schedules.**

- (A) All final examinations shall be centrally scheduled by the office of registration, records and scheduling, except examinations for classes taught on regional campuses or classes in which the enrollment is exclusively of students registered in the colleges of dentistry, law, medicine, optometry, pharmacy, or veterinary medicine. Examination schedules for these classes will be prepared by the administrative

\*Rule initiated by board of trustees.



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### **RULES (contd)**

offices of the regional campuses or the colleges. All examination schedules prepared outside the office of registration, records and scheduling shall, before publication, be cleared with the office of registration, records and scheduling which shall have the power to resolve all conflicts.

- (B) In performing its scheduling function the office of registration, records and scheduling shall limit individual examinations to two-hour duration and the total examination period to no more than five days.
- (C) The official examination schedules shall be strictly adhered to by all instructors. Any deviation from the official schedules must be approved by the department chairman in consultation with the office of registration, records and scheduling, or by the regional campus dean and director, or college dean, as appropriate.

#### **3335-7-34 Residence work.**

- (A) Except for cases meeting the conditions of paragraph (B) of this rule, residence credit will be given only for work taken in residence within the basic organization of the educational units of the university. (See rule 3335-1-05 of the Administrative Code.)

#### **3335-15-02 The university.**

Unless specifically noted, the phrases "the university" and "this university" refer to the basic organization of the educational units of the university as defined by rule 3335-1-05 of the Administrative Code.

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### **BUDGET SUMMARY (SECOND QUARTER, 1979-80)**

Resolution No. 80-75

*Synopsis: Second Quarter Budget Summary, 1979-80, is presented for review and acceptance.*

This Budget Summary for the second quarter, 1979-80, contains revised estimates of resource and expenditure/commitment projections as actual data have become available. Changes to the November, 1979 budget have been made to the core Unrestricted Budget estimates of the Columbus Campus and the Regional Campuses representing revisions to subsidy and fee resources based upon actual Autumn Quarter enrollments. While enrollments increased overall approximately two per cent, subsidy income did not change materially due to State distribution rules. Upward revisions in the Restricted funds estimates reflect further redistribution based on second quarter activity. Both upward and downward revisions in the auxiliary and Hospitals' operations income and expense are based upon expected changes in activity.

WHEREAS the second quarter report of the 1979-80 Current Funds Budget, covering the period July through December, 1979, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one per cent from the 1979-80 budget approved by the Board in November, 1979; and

February 1, 1980 meeting, Board of Trustees

**BUDGET SUMMARY (SECOND QUARTER, 1979-80) (contd)**

WHEREAS the projected expenditures and commitments of the first quarter report for 1979-80 are supported by adequate resources:

NOW THEREFORE

BE IT RESOLVED, That the accompanying second quarter budget report be accepted.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS)**

	Budget Approved November 30, 1979	Proposed Revised Budget February 1, 1980
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$159,600	\$160,130
Libraries	10,195	10,204
Other Academic Support	2,936	2,936
Sponsored Programs Administration	2,639	2,771
Student Services	9,243	9,248
Plant Operation	28,922	28,927
Institutional Support	17,818	17,878
Total Instruction and General	\$231,353	\$232,094
Sponsored Research		
Research Foundation	\$ 34,935	\$ 35,275
Engineering Experiment Station	1,890	1,780
University Sponsored Programs	983	983
Other	3,000	2,805
Total Sponsored Research	\$ 40,808	\$ 40,843
Public Service		
University Hospitals	\$ 89,854	\$ 89,854
Cooperative Extension Service	20,887	20,952
University Sponsored Programs	2,739	2,739
Other	14,526	16,452
Conferences	2,694	3,434
Total Public Service	\$130,700	\$133,431

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THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS) (contd)

	Budget Approved November 30, 1979	Proposed Revised Budget February 1, 1980
Columbus Campus (contd)		
Student Aid	\$ 6,557	\$ 6,601
Auxiliaries		
Student Housing	\$ 21,584	\$ 21,879
Intercollegiate Athletics	10,119	10,714
University Bookstores	5,318	5,318
Student Health Service	2,611	2,611
Student Unions	2,698	2,818
Parking Facilities	3,009	2,760
University Airport	2,182	2,242
Fawcett Center for Tomorrow	1,669	1,669
Other	886	886
Total Auxiliaries	\$ 50,076	\$ 50,897
TOTAL COLUMBUS CAMPUS	\$459,494	\$463,866
Regional Campuses		
Administration	\$ 201	\$ 201
Lima Campus	2,549	2,438
Mansfield Campus	2,443	2,465
Marion Campus	1,504	1,500
Newark Campus	2,071	2,238
Agricultural Technical Institute	2,883	2,850
Wright-Patterson Graduate Center	100	75
TOTAL REGIONAL CAMPUSES	\$ 11,751	\$ 11,767
GRAND TOTAL	\$471,245	\$475,633

February 1, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET  
(IN THOUSANDS)

	Estimated Income November 30, 1979	Revised Estimated Income February 1, 1980
Columbus Campus		
Government Appropriations		
State of Ohio	\$160,871	\$161,560
Federal	59,400	61,315
Other	5,650	6,800
Subtotal	\$225,921	\$229,675
Student Fees		
Instruction and General	\$ 61,735	\$ 63,025
Room and Board	17,743	17,987
Other	3,058	3,670
Subtotal	\$ 82,536	\$ 84,682
Other Income		
Auxiliary Sales and Charges	\$111,143	\$107,319
Department and University Services	16,247	16,336
Endowment Income	4,226	4,226
Gifts and Grants	16,057	16,557
Temporary Investments	6,000	7,000
Subtotal	\$153,673	\$151,438
TOTAL COLUMBUS CAMPUS	\$462,130	\$465,795
Regional Campuses		
Lima Campus	\$ 2,850	\$ 2,739
Mansfield Campus	2,758	2,781
Marion Campus	1,719	1,715
Newark Campus	2,352	2,519
Agricultural Technical Institute	3,103	3,069
Wright-Patterson Graduate Center	100	75
TOTAL REGIONAL CAMPUSES	\$ 12,882	\$ 12,898
GRAND TOTAL	\$475,012	\$478,693

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## PERSONNEL ACTIONS

Resolution No. 80-76

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary, Professional Improvement Leave, Emeritus Titles and Appointment are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the January 10, 1980 meeting of the Board, including the following Leaves of Absence Without Salary, Professional Improvement Leave, Emeritus Titles and Appointment, as detailed in the University Budget for 1979-80, be approved.

### Leaves of Absence Without Salary

JOHN L. BLAISDELL, Professor, Departments of Agricultural Engineering and Food Science and Nutrition, effective February 13, 1980 through March 5, 1980, for advising a university in India on areas of food technology.

BILLIE L. WHITE, Instructor, School of Nursing, effective January 21, 1980 through March 30, 1980, for personal reasons.

### Professional Improvement Leave

DAVID S. YOHN, Professor, Department of Veterinary Pathology, and Director, Cancer Center, effective Spring Quarter 1980, Summer Quarter 1980 and Autumn Quarter 1980.

### Emeritus Titles

DELBERT M. BYG, Department of Agricultural Engineering, with the title Professor Emeritus, effective February 1, 1980.

RUBY M. MARTIN, School of Nursing, with the title Assistant Professor Emeritus, effective November 1, 1979.

MYRA G. PHILPOTT, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective April 1, 1980.

NORBERT C. HOLTHAUS, Cooperative Extension Service, with the title Instructor Emeritus, effective April 1, 1980.

**PERSONNEL ACTIONS (contd)**

**Appointment**

Name: RICHARD O. BUXTON  
Titles: Vice President for University Development and Director of the Development Fund  
Effective: March 6, 1980  
Salary: \$50,040.00 (12 months)  
Present Positions: Associate Director, University of California, Berkeley Foundation; Associate Director Development, University of California, Berkeley  
  
Special Instruction: For the period March 6, 1980 through May 31, 1980, the appointee shall serve on a part-time basis.

**President Enarson:**

We have one major appointment to announce today, and that is of Richard O. Buxton to serve as Vice President for University Development and Director of the Development Fund. Before I introduce Wallace Phillips who is Chairman of the Development Fund Board and who has worked in equal partnership with us in the search process, I would like to say, if I may, Wally, that in many ways you symbolize the important role of the volunteer in the life of this University. I won't begin to document the number of hours that you and Bill MacDonald, who chaired the Search Committee, and indeed all of your colleagues on the Search Committee and on the Development Fund Board have spent on this matter but those hours taken out of your busy lives, professional and personal, are deeply appreciated. If I may, Madam Chairman and Members of the Board, I would like to call upon Mr. Phillips at this time. Wally--

**Mr. Phillips:**

I don't want to take up too much time. This Search Committee has been very strenuous in its activities in trying to do the best for this University that it could in picking the right person. This recommendation has come about because of a great many people devoting time to this University. Bill and all of the others who have served on that Search Committee have done a great deal in getting us to this point. We are pleased to have this recommendation to you and trust that it will meet with your approval and that this young man will be able to come to this position and do for the University what all of us here in our own respective capacities are trying to do for the University, and that is to be a success. I really have nothing more. I appreciate the opportunity to appear before the Board. It's been a pleasure to serve the University.

**President Enarson:**

Thank you very much. I might explain to the Board that, as you see in the document in front of you, Mr. Buxton is currently Associate Director, No. 2 man at a very fine public university, the University of California at Berkeley. It is obvious

February 1, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

President Enarson: (contd)

to all of us that he cannot disengage immediately and catch the latest United Airlines flight back here. He will be coming on full time about June 1, but he will report for duty March 6, so in terms of his authority he will be in full charge of the staff and the program as of March 6, and he'll be shuttling a good deal between the West Coast and here and, of course, he'll be compensated on a pro rata, per diem basis. So much for that and I'm extremely pleased that this long search is concluded and that he will be with us full time very shortly. I ask for the Board's approval of the actions recommended.

Mr. Havens:

I'd like to make a few remarks. Madam Chairman, Wally Phillips and his Development Fund group have spent hours and hours on this, and I think they have done a good job. Without Wally's voluntary work group, we would sorely miss his help, and I think among that whole Development Fund, Wally represents the best. We owe him really a lot of gratitude for his help and assistance. I really mean it from the bottom of my heart.

Dr. Sirak:

You said nice things about him, but I don't think he heard a word you said. They were nice things, Wally; they were all good.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-77

*Synopsis: The report on contracts, grants and gifts and the summary for December are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**NOW THEREFORE**

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of December 1979, be approved.

Upon motion of Dr. Sirak, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**SUMMARY FOR DECEMBER 1979**

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 20,100.00
The Ohio State University Research Foundation	61	4,417,600.34
Engineering Experiment Station	2	89,660.00
		\$4,527,360.34
November 1979		
The Ohio State University Development Fund	4,130 Donors	\$1,458,435.59
Establishment of Named Funds		
The John H. McConnell Chair in Aviation Fund (Department of Aviation)		\$ 322,591.50
The Kaiser Aluminum Scholarship Fund (Fellowships for undergraduate and graduate students with preference to minority students)		\$ 70,000.00
William H. Fink Prize in Philosophy (Graduate student essay in philosophy)		\$ 10,000.00
Newark Campus Endowment Fund (Dean/Director's Discretionary Fund, Newark Campus)		\$ 9,300.00



February 1, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### SUMMARY FOR DECEMBER 1979 (contd)

#### Establishment of Named Funds (contd)

Medicine Class of 1941 Fund (College of Medicine)	\$ 7,500.00
Raymond D. Carson Research Fund in Optometry (College of Optometry)	\$ 2,000.00
The William D. Stewart Memorial Broadcast Journalism Lectureship Fund (Broadcaster-in-Residence)	\$ 1,483.00

#### Change in Description of Named Fund

Department of Physics  
Equipment Fund  
(Amended at the request of  
donor, Mr. Stanley M. Hanley,  
Honolulu, Hawaii)

#### Report from Presidents Club

Members to date	3,386
1979: year to date	544
New members - December 1979	97

#### New Presidents Club Members - December 1979

Ralph E. Ablon	James F. Cavanaugh
Kenneth B. Ackerman	Rick Chapman
John W. Alford	John C. Cleland
Daniel G. Amstutz	Hortense K. Cobey (Mrs. Ralph)
Robert A. Baron	Minnie Cobey
Robert L. Bartels	Ralph Cobey
June S. Battles (Mrs. Morris L.)	Susanne Y. Cobey
Virginia H. Bazler (Mrs. Frank E.)	James P. Connolly
Jerrold J. Behringer	Maurice E. Core
David S. Bloomfield	Marilyn M. Davis (Mrs. C. Wayne)
Sally W. Bloomfield (Mrs. David)	Garrett S. Dill
William S. Bricker	Noel E. Downing
John A. Brothers	Leonard K. Ebel
Kenneth W. Burman	Grace G. Edwards (Mrs. Gary)

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR DECEMBER 1979 (contd)**

**New Presidents Club Members - December 1979 (contd)**

Earl H. Elberfeld	Chari L. McFadden
Ronald S. Erkis	Richard A. McKee
Arthur B. Evans	Nicholas J. Metrowsky
John C. Fisher	Norma Jean Miller (Mrs. Robert S.)
Robert G. Fletcher	Richard J. Moody
Donald F. Friend	Kent A. Morgan
John H. Gardiner	Lenora Pausch (Mrs. Jerry)
Max H. Gerke	William R. Peterson
William E. Gill	George P. Pettit
Richard W. Gilmer	Paul W. Rupp
A. Jerry Good	Charles Sanders
James H. Gross	Gary K. Scherer
Charles F. Gump	Kurt N. Schmitt
DeLorre S. Haddad	Donald E. Sims
Richard D. Halterman	J. Everett Smith
Benson H. Hart	William Smith
Herbert L. Hedges	Eric A. Spence
John N. Holscher	Jack J. Stanton
Fern E. Hunt (Mrs. David S.)	Dennis R. Stapleton
William W. Hunt	Fritzie C. K. Sterling
Arthur C. Huston, Jr.	Robert B. Stickrath
John D. Jacob	Samuel G. Swope
Edmund G. James	Ralph W. Talmage
Florence R. Johnson (Mrs. George T.)	Albert J. Toth, Jr.
William G. Kelly	Thomas A. Tracy
Kee Kitayama	John B. Travers
Wayne H. Kuhn	Donald L. Trimmer
Margaret K. Loudenslager	Edward A. Von Doersten
Raymond D. Magorien	Joel M. Weaver II
John A. Mahoney	Robert J. Weber
Lura A. Mancy (Mrs. Gus)	John L. Weinheimer
Gerald Manning	William A. Wentz
Eric G. Marcus	Solly L. Yassenoff
Herman M. Martin	Patricia E. Younker (Mrs. Daniel E.)
John J. McCarthy	

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SECOND QUARTER SUMMARY**

October 1, 1979 through December 31, 1979

**OFFICE OF BUSINESS AND ADMINISTRATION**

Source	No. of Projects	Support Level
FEDERAL	1	\$ 72,639.00
OTHER NON-FEDERAL	3	34,357.25
GRAND TOTAL	4	\$106,357.25

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SECOND QUARTER SUMMARY**

October 1, 1979 through December 31, 1979

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
FEDERAL		
Department of Energy	2	\$ 74,101.00
National Aeronautics and Space Administration	4	194,500.00
National Science Foundation	12	593,379.00
Department of Defense	31	1,596,238.00*
Department of Health, Education and Welfare	51	4,568,597.00
Other Federal	16	1,370,514.00
TOTAL - FEDERAL	116	\$ 8,397,329.00
STATE OF OHIO	21	\$ 1,158,157.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	64	\$ 2,028,634.25
GRAND TOTAL	201	\$11,584,120.25*

\*Adjusted to reflect a reduction of \$76,457.00 in an award from the Department of the Air Force reported in November, 1979.

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1979 through December 31, 1979

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
STATE OF OHIO	4	\$132,514.00
INDUSTRIAL AND OTHERS	92	583,966.00
TOTALS	96	\$716,480.00

February 1, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **OFFICE OF BUSINESS AND ADMINISTRATION**

#### **Other Non-Federal Research Contract/Grant**

\$20,100.00 - Committee on Institutional Cooperation, Evanston, Illinois, CIC+ Midwest Program for Minorities in Engineering, College of Engineering - Administration, September 1, 1979 through August 31, 1980. (Alfred P. Sloan Grant No. 79-4-12)

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$1,236,102.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Integrated Project for First One-Year Segment of a Five-Year Special Institutional Agreement, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 30 November 1980. (Project 761969 - Continuation)

\$586,779.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (H. G. Cramblett and W. B. Malarkey), 1 December 1979 through 30 November 1980. (Project 761196 - Continuation)

\$180,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering (A. A. Ksienski and W. D. Burnside), 1 October 1979 through 31 July 1980. (Project 761461 - Continuation)

\$122,361.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Geodetic and Geophysical Parameters, Department of Geodetic Science (U. A. Uotila), 1 October 1979 through 30 September 1980. (Project 761486 - Continuation)

\$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Allotment Program - FY80, Engineering Experiment Station, Water Resources Center (R. C. Stiefel), Department of Microbiology (R. Pfister), Department of Zoology (R. Carline and R. Stein), Department of Chemical Engineering (L. Fan), Department of Entomology (W. J. Collins), and Department of Civil Engineering (O. Mintzer), 1 October 1979 through 30 September 1980. (Project 761900 - Continuation)

\$79,414.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary), 1 December 1979 through 30 November 1980. (Project 762962 - Continuation)

February 1, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$71,817.00 - National Science Foundation, Washington, D. C., Verification of Constitutive Relations for Silage Through Full-Scale Silo Measurements, Department of Civil Engineering (A. G. Bishara), 1 December 1979 through 30 November 1980. (Project 761960 - Continuation)

\$69,144.00 - National Science Foundation, Washington, D. C., Mechanism of Gas-Liquid-Solid Semifluidization, Department of Chemical Engineering (L. Fan), 1 December 1979 through 31 May 1981. (Project 761964 - New)

\$67,332.00 - Department of Agriculture, Washington, D. C., Institution Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine (R. A. Wright), 27 September 1979 through 30 September 1980. (Project 761524 - Continuation)

\$66,800.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Bacterial Methanogenesis and Denitrification in Cleveland Harbor and Lake Erie, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Microbiology (J. I. Freal), 1 October 1979 through 30 September 1982. (Project 761902 - New)

\$66,230.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1979 through 30 November 1980. (Project 760022 - Continuation)

\$59,986.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, Department of Electrical Engineering (W. D. Burnside), 29 November 1979 through 28 November 1980. (Project 761956 - Continuation)

\$56,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the Central Nervous System, Department of Anatomy (R. W. Burry), 1 December 1979 through 30 November 1980. (Project 761963 - New)

\$55,775.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1980 through 31 December 1980. (Project 760592 - Continuation)

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$45,000.00 - National Science Foundation, Washington, D. C., Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 March 1980 through 28 February 1981. (Project 761560 - Continuation)

\$43,656.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients With Brain Tumors, Department of Surgery (W. E. Hunt), 1 November 1979 through 31 October 1980. (Project 760334 - Continuation)

\$43,641.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf) 1 January 1980 through 31 December 1980. (Project 760578 - Continuation)

\$40,000.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, Department of Electrical Engineering (G. A. Thiele), 1 October 1979 through 30 September 1980. (Project 761245 - Continuation)

\$37,620.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Physical Therapy-Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1980 through 31 December 1980. (Project 761472 - Continuation)

\$36,544.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Effects of Phosphate Fertilizer Applications and the Chemistry-Mineralogy of the Iron Oxide System on Phosphate Adsorption-Desorption by Stream Sediments, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Agronomy (T. J. Logan), 1 October 1979 through 30 September 1981. (Project 761899 - New)

\$35,773.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 January 1980 through 31 December 1980. (Project 760160 - Continuation)

\$31,186.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1979 through 30 November 1980. (Project 761466 - Continuation)



February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$29,831.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 December 1979 through 30 November 1980. (Project 761467 - Continuation)

\$29,775.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, In Vitro Oxidation of Psychoactive Drugs, Department of Chemistry (R. L. McCreery), 1 December 1979 through 30 November 1980. (Project 760533 - Continuation)

\$21,240.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Evaluation of Bacterial Binding and Release of Cadmium from Aquatic Sediments, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Microbiology (R. M. Pfister), 1 October 1979 through 30 September 1981. (Project 761901 - New)

\$19,657.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antenna Pattern Prediction Study, Department of Electrical Engineering (W. D. Burnside), 30 November 1979 through 31 May 1980. (Project 761385 - Continuation)

\$18,542.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Department of Statistics (M. A. Fligner), 1 December 1979 through 30 November 1980. (Project 761456 - Continuation)

\$17,304.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Medical Dietetics - Administration (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1980 through 31 December 1980. (Project 761473 - Continuation)

\$5,010.00 - U. S. Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Report on Response of Cape Thompson, Alaska, Tundra to Vehicle Impacts Which Occurred in the Late 1950's and 1960's, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 6 December 1979 through 1 February 1980. (Project 761970 - New)

\$3,757.00 - Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Employment and/or Further Training of Health Trained Veterans (MEDIHC Program), College of Medicine - Administration (M. V. Brown), 1 September 1979 through 30 September 1979. (Project 760882 - Continuation)

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$3,624.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, National Research Fellowship Award, Department of Veterinary Pathobiology (W. B. High and C. C. Capen), 1 November 1979 through 31 January 1980. (Project 761387 - Continuation)

\$2,380.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 1 December 1979 through 31 January 1980. (Project 761966 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$3,292,880.00**

**State of Ohio Research Contracts/Grants**

\$225,000.00 - The Ohio Occupational Information Coordinating Committee, Columbus, Ohio, The Occupational Employment Statistics Survey Program in Ohio, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (S. C. Kelley and M. H. Sandver), 1 January 1980 through 30 April 1981. (Project 761975 - New)

\$50,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science, Center for Real Estate Education and Research (R. L. Racster), 1 July 1979 through 30 June 1980. (Project 761924 - Continuation)

\$11,609.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Vestibular vs. Visual Stimulation for Treatment of Behavior and Learning Problems, Department of Psychiatry (L. E. Arnold) and Department of Anatomy (D. L. Clark), 15 December 1979 through 30 June 1980. (Project 761961 - New)

\$8,673.50 - State of Ohio, Department of Health, Columbus, Ohio, Rhesus Rabies Vaccine Trial, University Health Service (W. R. Garner) and Department of Veterinary Medicine (D. O. Jones), 1 October 1979 through 30 June 1980. (Project 761984 - New)

\$540.00 - The Ohio Program in the Humanities, Columbus, Ohio, Human Values in an Institution for Older Americans, Department of Psychology - Newark Campus (R. Scott), 1 November 1979 through 30 November 1979. (Project 761246 - Continuation)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 295,822.50**

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$350,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1980 through 31 December 1980. (Project 760982 - Continuation)

\$90,504.00 - Korean Ministry of Education, Seoul, Korea, Korean Technical Teacher Training Program, Academic Faculty of Industrial Technology (D. G. Lux), 1 December 1979 through 31 March 1980. (Project 761959 - New)

\$76,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, The Effects of BWR Deaeration on the General and Localized Corrosion of Plain Carbon and Low Alloy Steel, Department of Metallurgical Engineering (D. D. Macdonald, S. Smialowska and S. Pednekar), 1 January 1980 through 31 December 1980. (Project 761870 - Continuation)

\$56,856.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular Systems, Department of Veterinary Physiology (R. L. Hamlin), 1 October 1979 through 30 June 1980. (Project 760245 - Continuation)

\$49,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 October 1979 through 31 December 1979. (Project 761965 - New)

\$32,595.00 - Muscular Dystrophy Association, New York, New York, MDA Drug Protocol, Department of Medicine (J. R. Mendell), 1 November 1979 through 31 October 1980. (Project 761360 - Continuation)

\$28,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision (S. W. Smith), 1 July 1979 through 30 June 1980. (Project 760717 - Continuation)

\$25,980.00 - Max Kade Foundation, Inc., New York, New York, Electronic Structure of Molecules, Department of Chemistry (D. W. Meek and I. Shavitt), 18 December 1979 through 17 December 1980. (Project 761967 - New)

\$20,000.00 - Alaska State Department of Education, Juneau, Alaska, Comprehensive Career Education Plan for Centralized Correspondence Study, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 30 June 1980. (Project 761958 - New)

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$18,979.00 - Muscular Dystrophy Association, New York, New York, Correlation of Axoplasmic Transport and Morphologic Changes in the Nerve in Relation to Distal Axonopathies, Department of Medicine (Z. Sahenk and J. R. Mendell), 1 January 1980 through 31 December 1980. (Project 761973 - New)

\$17,620.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, Career Education Intern Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1979 through 30 September 1980. (Project 761957 - Continuation)

\$12,019.00 - University of Illinois, Champaign, Illinois, Close-out Costs Proposal for Phase 2, Year 2 Ohio River Basin Energy Study, Department of Mechanical Engineering (R. E. Bailey), 1 October 1979 through 31 December 1979. (Project 761971 - New)

\$9,900.00 - Public Service Commission of Minnesota, St. Paul, Minnesota, Technical Assistance to the Public Service Commission of Minnesota in Its Consideration of Telephone Rate Increase Petitions, National Regulatory Research Institute (D. N. Jones), 25 October 1979 through 31 August 1980. (Project 761942 - New)

\$7,200.00 - Monsanto Fund, St. Louis, Missouri, Evaluation of Chironomus Riparius (=thummi) for Study of Toxicity, Site of Action, and Metabolic Conversion of Selected Organophosphate Insecticides, Department of Entomology (W. J. Collins), 1 January 1980 through 31 December 1980. (Project 761974 - New)

\$6,896.00 - University of Illinois, Champaign, Illinois, Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 November 1979 through 31 January 1980. (Project 761940 - Continuation)

\$6,111.84 - Springfield Local School District, Holland, Ohio, Comprehensive Long-Range Study of the Educational Facility Needs of the Springfield Local School District, Holland, Ohio, Academic Faculty of Educational Administration (A. E. Wohlers), 1 March 1980 through 1 March 1981. (Project 761981 - New)

\$5,600.00 - World Health Organization, Geneva, Switzerland, Studies of the Anti-fertility Effects of Immunizations With Zona Pellucida Antigens, Department of Obstetrics and Gynecology (V. C. Stevens), 1 January 1980 through 31 December 1980. (Project 761977 - New)

\$3,500.00 - World Health Organization, Geneva, Switzerland, Plasmodium berghei: Isolation and Fractionation of Parasites and Parasite Components, Department of Microbiology (J. P. Kreier), 1 January 1980 through 31 December 1980. (Project 761489 - Continuation)

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$3,000.00 - Alvis House, Columbus, Ohio, Summation of the Probation Diversion Program, College of Social Work (B. S. Weiss), 1 December 1979 through 30 June 1980. (Project 761968 - New)

\$2,800.00 - The Burroughs Wellcome Fund, Research Triangle Park, North Carolina, Research and Collaboration at Imperial College, London, England, Department of Biochemistry (E. J. Behrman), 1 January 1980 through 15 March 1980. (Project 761951 - New)

\$2,000.00 - The Scripps-Howard Foundation, Cincinnati, Ohio, A Survey of Journalism Graduates to Determine What Components of Journalism Education Help Reporters on the Job, School of Journalism (L. B. Becker and S. Dunwoody), 1 January 1980 through 31 July 1982. (Project 761962 - New)

\$2,000.00 - Arapahoe Community College, Littleton, Colorado; Maricopa County Community College District, Phoenix, Arizona, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$1,337.00 - Maple Heights Board of Education, Maple Heights, Ohio, Job Description Authority Statements, Academic Faculty of Educational Administration (A. E. Wohlers), 15 October 1979 through 31 December 1979. (Project 761978 - New)

\$1,000.00 - University of Dayton, Research Institute, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 October 1979 through 31 December 1979. (Project 761166 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-</b>	
<b>FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 828,897.84</b>

**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$74,660.00 - Dayco Corporation, Springfield, Missouri, for Design, Manufacture and Testing of a Variable Speed Belt Main Transmission for an Automobile, Department of Mechanical Engineering, December 14, 1979 through January 13, 1981. (EES 604/529084)

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION (contd)**

**Industrial and Other Sponsored Research and Development (contd)**

\$15,000.00 - American Iron and Steel Institute, Washington, D. C., for Experimental Determination of Combustibility, Department of Chemical Engineering, May 1, 1979 through April 30, 1980. (EES 307/529001, Extension 13)

<b>TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT</b>	<b>\$ 89,660.00</b>
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**Sponsored Development Projects**

\$185,717.00 from various sponsors for 25 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$150,000.00 - Estate Under the Will of John C. Fergus, Columbus, Ohio: \$75,000.00 for Edith Fergus Gilmore Fund and \$75,000.00 for Corwin A. Fergus Memorial Fund.

\$68,044.49 - C. Glenn Barber Foundation Trust, Cleveland, Ohio, for C. Glenn Barber Fund.

\$50,000.00 - Estate of James Strong, Lima, Ohio, for Hope Strong Journalism Fund.

\$41,864.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$40,000.00 - Eli Lilly and Company, Indianapolis, Indiana: \$24,000.00 for Infectious Disease Research Fund and \$16,000.00 for Antibiotic Research Rotary Fund.

\$34,446.92 - Estate Under the Will of Emily C. Keppel, c/o Jeanne E. Hunker and Thomas J. Eberly, Tiffin, Ohio, for Ernest Robert Keppel Foundation Fund.

\$30,000.00 - The Bremer Foundation, c/o James Mitchell, Youngstown, Ohio, for Bremer Foundation Fund.

\$30,000.00 - Kaiser Aluminum and Chemical Corporation, Oakland, California, for Kaiser Aluminum Scholarship Program.

\$30,000.00 - Ross Laboratories, Columbus, Ohio, for Tumor Immunology Program.

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$30,000.00 - The Richard H. and Ann Shafer Foundation, c/o Richard Shafer, Columbus, Ohio: \$20,000.00 for Student Athlete Grant-in-Aid Fund and \$10,000.00 for Friends of WOSU-TV.

\$26,947.48 - Systems Associates, Columbus, Ohio, (given in the name of the cardiologists in the Department of Medicine at Ohio State University): \$11,446.30 for Cardiology Support Fund; \$10,000.00 (given in the name of Larry Olmutz) for Cardiology Support Fund; \$4,501.18 (given in the name of Raymond D. Magorien, M.D.) for Cardiology Support Fund; and \$1,000.00 for Marc Tetalman Memorial Fund.

\$25,527.00 - The Upjohn Company, Kalamazoo, Michigan: \$20,527.00 for Clinical Pharmacology Fund and \$5,000.00 for Antibiotic Research Rotary Fund.

\$25,000.00 - Mrs. Joan G. Phillips and Mr. James W. Phillips, Columbus, Ohio, (given in the names of Cynthia Galbreath Phillips and Deborah Phillips Bower): \$10,000.00 for Sphinx 75th Anniversary Gift Fund; \$5,000.00 for John W. Bricker Professorship in the College of Law; \$5,000.00 for John W. Galbreath Chair in Real Estate; and \$5,000.00 for The C. William O'Neill Professorship in Law and Judicial Administration.

\$23,746.80 - Ivor Spafford Estate, Footville, Ohio, for Robert G. Spafford Fund.

\$22,000.00 - The Edward C. and Hazel L. Stephenson Foundation, c/o J. W. Paynter, Grosse Pointe Woods, Michigan, for Edward C. and Hazel L. Stephenson Fund.

\$20,632.50 - Mrs. Elizabeth J. Carruthers, Cincinnati, Ohio: \$10,316.25 for Carruthers Dairy Science Educational Fund and \$10,316.25 for Dairy Science Research.

\$20,000.00 - Burton Rubber Processing, Inc., Akron, Ohio, (given in the name of Charles W. Carroll), for Presidents Club Special Fund.

\$20,000.00 - Mrs. Florence R. Johnson, Columbus, Ohio, for Everett D. Reese Arthritis Research Fund.

\$20,000.00 - Mideast United Dairy Industry No. 33, Marysville, Ohio, for Earl B. Poling Graduate Research Fellowship in Agricultural Economics.

\$19,900.00 - Trust Under the Will of George A. Johnson, Rochester, New York, for Ohio State National Merit Scholarship Program.

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$19,557.00 - The Grace High Washburn Trust, c/o Charles Wiles, Jr., Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$18,000.00 - Armour Pharmaceutical Company, Kankakee, Illinois, for Endocrine Research Fund.

\$18,000.00 - Everett D. Reese Fund of The Columbus Foundation, Columbus, Ohio, (given in the name of Everett D. Reese), for Everett D. Reese Fund for Gastrin and CEA Studies Fund.

\$17,638.38 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$16,066.67 - General Motors Corporation, Warren, Michigan, for General Motors Corporation Scholarship Fund.

\$15,000.00 - Maurice A. Young, Youngstown, Ohio, for College of Medicine Progress Fund.

\$14,500.00 - Amoco Foundation, Inc., Chicago, Illinois: \$7,000.00 for Amoco Foundation, Inc., Fellowship in Chemistry; \$6,000.00 for Distinguished Teachers Awards Fund; and \$1,500.00 for Presidents Emergency Fund.

\$13,183.21 - Trust Under the Will of Grace M. Weaver AmeriTrust, Cleveland, Ohio, for Cancer Research Fund.

\$12,500.00 - Katherine E. Parrett Trust, c/o John S. Bath, Washington Court House, Ohio, for Katherine E. Parrett Fund.

\$12,418.93 - Oncology Immunology Laboratory, Columbus, Ohio, (given in the name of John P. Minton), for Cancer Research Fund.

\$10,511.53 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$10,000.00 - Bristol Laboratories, Syracuse, New York, for Veterinary Anesthesiology Fund.

\$10,000.00 - Eaton Charitable Fund, Cleveland, Ohio, for Advanced Design Methods Laboratory-Mechanical Engineering Fund.

\$10,000.00 - Gerlach Foundation, Inc., Columbus, Ohio, for Presidents Club Special Fund.



February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$10,000.00 - Goldman, Sachs & Co., New York, New York, (given in the name of Daniel G. Amstutz), for Sphinx 75th Anniversary Gift Fund.

\$9,674.96 - Porthouse Foundation Income Account, c/o Cyril R. Porthouse, Kent, Ohio, (given in the name of Cyril R. Porthouse): \$5,000.00 for College of Engineering Special Fund and \$4,674.96 for Student Athlete Grant-in-Aid Fund.

\$9,439.70 - William H. Havener, M.D., Columbus, Ohio, for Ophthalmology Teaching Fund.

\$9,187.50 - Norma Jeanne Gerke, Springfield, Ohio, (given in the name of Max H. Gerke), for College of Medicine Progress Fund.

\$9,000.00 - Leota L. Balsizer, Fremont, Ohio, for Ohio 4-H Club Foundation Fund.

\$8,000.00 - Dome Laboratories Division, West Haven, Connecticut, for Infectious Disease Research Fund.

\$7,960.00 - The Peat, Marwick, Mitchell Foundation, c/o James Morgan, New York, New York, for Peat, Marwick, Mitchell Discretionary Fund.

\$7,750.00 - The Touche Ross Foundation, New York, New York, for Touche Ross Discretionary Fund.

\$7,500.00 - Cline, Bischoff & Cook Co., L.P.A., Toledo, Ohio, (given in the name of Arthur R. Cline), for Arthur R. and Christine D. Cline Fund for the College of Law.

\$7,500.00 - Shirley L. McMillon, Oklahoma City, Oklahoma, for Arthur J. Hoffman Memorial Educational Fund.

\$6,983.57 - Louise Orr Scott Foundation, Columbus, Ohio, for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$6,500.00 - Edgar W. Ingram Foundation, Columbus, Ohio: \$2,500.00 for Edgar W. Ingram Student Grant in Animal Science Fund; \$2,000.00 for Student Athlete Grant-in-Aid Fund; \$1,000.00 for Edgar W. Ingram Foundation Scholarship in Medical Dietetics; and \$1,000.00 for Friends of WOSU Endowment Fund.

\$6,307.50 - Trust Under the Will of Harry Brakeman, c/o Charles W. Beck, Jr., Middletown, Ohio, for Harry and Ethel Brakeman Memorial Scholarship Fund for Optometry Students.

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$6,100.00 - The Merry Makers Club, c/o Charles McMurray, Columbus, Ohio, for Ohio State National Merit Scholarship Program.

\$6,000.00 - American Cyanamid Company, Pearl River, New York, for Menopausal Patient Follow-Up Project.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$5,732.26 - H. William Clatworthy, Columbus, Ohio: \$4,732.26 for H. William Clatworthy, Jr., Professor in Pediatric Surgery and \$1,000.00 (given in the name of Nancy M. Clatworthy) for H. William Clatworthy, Jr., Professor in Pediatric Surgery.

\$5,625.00 - Miles Laboratories, West Haven, Connecticut, for Antibiotic Research Rotary Fund.

\$5,500.00 - The John Lyon Collyer Fund, c/o R. G. Jeter, Akron, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$5,500.00 - Nationwide Mutual Insurance Company, c/o Darrell E. Roach, Columbus, Ohio: \$3,500.00 for Nationwide Foundation Fellowship Fund for Industrial Engineering and \$2,000.00 for Corporate Associates.

\$5,316.14 - D. J. and J. N. Knull Fund, Columbus, Ohio, for D. J. and J. N. Knull Fund.

\$5,100.00 - Trust Under the Will of Anna Roessler, c/o G. K. Traucht, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$5,000.00 - The Allstate Foundation, c/o Robert W. Powell, Hudson, Ohio, for Allstate Foundation Nursing Scholarship Program.

\$5,000.00 - American Cyanamid Company, Princeton, New Jersey, for American Cyanamid University Grant.

\$5,000.00 - Baker & Hostetler, Columbus, Ohio, for The C. William O'Neill Professorship in Law and Judicial Administration.

\$5,000.00 - Bio-Dynamics, Indianapolis, Indiana, for Department of Medicine Fund.

February 1, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$5,000.00 - S. Houghton Cox Fund, Cleveland, Ohio, for Ohio 4-H Foundation Support Fund.

\$5,000.00 - Wayne Dalton, Wakeman, Ohio, for The Wayne and Jane Dalton Scholarship Fund.

\$5,000.00 - A. Jerry Good, Pickerington, Ohio, for Ohio Dairy Products Research Fund.

\$5,000.00 - Kitayama Brothers, Watsonville, California, (given in the name of Kee Kitayama), for D. C. Kiplinger Chair in Floriculture.

\$5,000.00 - Dorothy J. Knull, Columbus, Ohio, for D. J. and J. N. Knull Fund.

\$5,000.00 - Robert A. Lightburn, Kinnelon, New Jersey, for Presidents Club Special Fund.

\$5,000.00 - Karen Sue Maddex, Columbus, Ohio, for Rodger and Donellda Maddex Scholarship in Nursing.

\$5,000.00 - Ohio Quarter Horse Association, Richwood, Ohio, for Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 - Maude R. Osborne, Columbus, Ohio, for Ophthalmology Teaching Fund.

\$5,000.00 - Plastic Corporation, Butler, New Jersey, (given in the name of Robert A. Lightburn), for Presidents Club Special Fund.

\$5,000.00 - Everett D. Reese, Columbus, Ohio, for Everett D. Reese Visiting Professorship Fund.

\$5,000.00 - Paul D. Ruff, M.D., Lancaster, Ohio: \$4,500.00 for Presidents Club Special Fund and \$500.00 for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - O. M. Scott & Sons, Marysville, Ohio, for 4-H Camp Clifton Improvement Fund.

\$5,000.00 - The E. F. Wildermuth Foundation, Columbus, Ohio, for Kathryn M. and E. F. Wildermuth Memorial Fund.

\$5,000.00 - Albert D. Wolfrey, Delaware, Ohio, for Student Athlete Grant-in-Aid Fund.

February 1, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Gifts-in-Kind**

\$105,000.00 - Ralph Cobey, Galion, Ohio, seven registered quarter horses to be housed in the College of Agriculture.

\$35,250.00 - Arthur E. Shepard, Columbus, Ohio, gift of stock for Presidents Club Special Fund.

\$10,755.75 - Dr. Beatrice P. Fockler, Columbus, Ohio, gift of stock for College of Medicine Alumni Society Fund.

\$10,375.00 - Herman M. Martin, Xenia, Ohio, gift of stock for College of Agriculture and Home Economics Dean's Discretionary Fund.

\$10,289.24 - William H. Havener, M.D., Columbus, Ohio, gift of stock for Ophthalmology Teaching Fund.

\$10,189.06 - John M. Gardner, Columbus, Ohio, gift of stock for Presidents Club Special Fund.

\$10,000.00 - Samuel M. Melton, Columbus, Ohio, gift of bonds for Michael S. Melton Hebrew Library Fund.

\$5,212.50 - Mr. and Mrs. Herbert L. Fenburr, Columbus, Ohio, gift of stock for Division of Hematology and Oncology Research Fund.

#### **Establishment of Named Funds**

##### **The John H. McConnell Chair in Aviation Fund**

The John H. McConnell Chair in Aviation Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John H. McConnell of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates. Additional contributions and all income generated by this gift will be added to the endowment account until sufficient funds are available to fully support an endowed chair.

When this account becomes a chair, its annual income will be used to provide salary and program support for the work of a distinguished scholar and researcher in the Department of Aviation in the College of Engineering. Appointment to The John H. McConnell Chair will be recommended by the Dean of the College of Engineering to the Provost and approved by the Board of Trustees.

February 1, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The John H. McConnell Chair in Aviation Fund (contd)

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for aviation education.

##### The Kaiser Aluminum Scholarship Fund

The Kaiser Aluminum Scholarship Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kaiser Aluminum and Chemical Corporation.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships and fellowship assistance to undergraduate and graduate students with preference given to qualified minority students. The selection of the recipient is to be made upon the recommendation of the University in cooperation with the Kaiser Aluminum and Chemical Corporation.

Should the need for these scholarships and fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for Student Financial Aids.

##### The William H. Fink Prize in Philosophy

The William H. Fink Prize in Philosophy was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. William H. Fink, Emeritus Professor of Economics, University of Arizona, who received the B.S.Ed. '32 from The Ohio State University.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used for the awarding of a prize for the best graduate student essay in philosophy or logic. Persons eligible for the submission of essays are to be graduate

February 1, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The William H. Fink Prize in Philosophy (contd)**

students in philosophy at The Ohio State University. The judging committee for the prize is to be an appropriate committee drawn from the faculty of the Department of Philosophy of the University. Requisitions for funds are to be approved by the Chairperson of the Department of Philosophy. Any income not used in a given year will be added to principal at the direction of the Chairperson of the Department of Philosophy.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairperson of the Department of Philosophy.

##### **Newark Campus Endowment Fund**

The Newark Campus Endowment Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Bennie E. Hill and Lee P. Tippet.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be deposited in the Dean/Director's Discretionary Fund, Newark Campus.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the Newark Campus.

##### **Medicine Class of 1941 Fund**

The Medicine Class of 1941 Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Class of 1941 College of Medicine alumni.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

February 1, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Medicine Class of 1941 Fund (contd)**

The annual income is to be added to principal until a decision is reached by members of the Class of 1941 on the use of the funds.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

##### **Raymond D. Carson Research Fund in Optometry**

The Raymond D. Carson Research Fund in Optometry was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. Raymond D. Carson.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this endowment is to be used to support research in the College of Optometry as determined by the Dean of the College of Optometry. If the funds for research in the college become so ample that other purposes for the income of this endowment are possible, the Dean of the College of Optometry is authorized to use the income in any way which will improve the excellence of the College of Optometry.

Should the need for research in optometry cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Optometry.

##### **The William D. Stewart Memorial Broadcast Journalism Lectureship Fund**

The William D. Stewart Memorial Broadcast Journalism Lectureship Fund was established February 1, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from American Broadcasting Companies, Inc., friends, associates and family in memory of William D. Stewart, B.A. '63, of Huntington, West Virginia.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

February 1, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The William D. Stewart Memorial Broadcast Journalism Lectureship Fund (contd)

The annual income is to be used to provide honoraria and expenses for an annual broadcaster-in-residence invited by the School of Journalism to present views on, and to stimulate interest and discussion of issues in, broadcast journalism. The visiting lecturer would spend one to three days on campus presenting lectures and meeting students formally in classes and informally outside classes. The selection of the lecturer is to be made upon the recommendation of the Director of the School of Journalism to the Dean of the College of Social and Behavioral Sciences.

Should the need for this lectureship cease to exist or the need for the fund so diminish as to provide unused income, then the income may be used for another purpose in support of education in broadcast journalism and/or allied fields and designated in memory of William D. Stewart as shall be determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for broadcast journalism education.

#### Change in Description of Named Fund

At the request of the donor, Mr. Stanley M. Hanley of Honolulu, Hawaii, the wording in the second paragraph of the endowment description established March 30, 1949 for the "Department of Physics Equipment Fund" has been amended in accordance with the portion underlined below:

##### Department of Physics Equipment Fund

Established March 30, 1949 by a gift through the Development Fund, from Stanley M. Hanley, MSC '24, in honor of Alpheus Wilson Smith, Emeritus Professor of Physics and Emeritus Dean of the Graduate School, and in honor of the late Alva Wellington Smith, Professor of Physics; to be invested in accordance with Section 4861-10 G.C.

The principal and income may be used at the discretion of the Chairman of the Department of Physics for special scientific apparatus and equipment, or for machines, tools, materials and supplies for the construction of research apparatus and equipment.

Should the Department of Physics cease to exist, then the use of the income shall be determined by the Board of Trustees of The Ohio State University. In such event it is requested that preference be given to items in the area of Physics.

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February 1, 1980 meeting, Board of Trustees

## EMPLOYMENT OF ARCHITECT/ENGINEER

### MERSHON PARKING GARAGE REPAIRS

Resolution No. 80-78

*Synopsis: Employment of engineer for the project, "Mershon Parking Garage Repairs," due to deterioration, is recommended.*

WHEREAS Mershon Parking Garage is a two-level parking facility--one level below ground and one at ground level, and accommodating 425 cars; and

WHEREAS the facility is approximately 23 years old and the upper (ground level) has an area of approximately 54,000 square feet, and is supported by reinforced concrete columns, beams and slabs, and there are two north/south expansion joints exposed to the weather; and

WHEREAS the facility is generally in good condition, but there are areas which have deteriorated over the years and are now in urgent need of repairs; and

WHEREAS it is proposed to replace certain areas of the structure slabs which are damaged, replace expansion joints, rebuild masonry, repair waterproofing, repair walks, curbs, islands and entrance paving, install grated trench drains, change lighting from incandescent to sodium vapor, and other items of repair:

#### NOW THEREFORE

BE IT RESOLVED, That the firm of Elgar Brown, Consulting Engineer, Columbus, Ohio, be employed to provide complete engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents and supervision of the work; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost estimated to be \$400,000 financed from Traffic and Parking Revenues.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## PLANS AND SPECIFICATIONS

Resolution No. 80-79

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following project:

February 1, 1980 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS (contd)**

**ST. JOHN ARENA, EXPANSION OF LOCKER ROOM FACILITIES**

Project: Expansion of locker room facilities to accommodate increased programs offered by Department of Athletics.

Funding: Budget Account 885106 (Athletics)

Estimated Project Cost: \$281,975.00

**NOW THEREFORE**

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**DENTAL CARE GROUP INSURANCE PROGRAM**

Resolution No. 80-80

*Synopsis: Proposed dental insurance contract is recommended for award.*

WHEREAS the Board of Trustees on November 30, 1979, authorized the preparation, solicitation, receipt and analysis of bid specifications for faculty/staff dental care coverage; and

WHEREAS in accordance with the above authorization, William M. Mercer, Inc., was employed to assist in the evaluation and analysis of carrier responses and quotations; and

WHEREAS quotations were requested from twenty-seven insurance firms and received from nine carriers, and subsequently opened and publicly read on January 9, 1980; and

WHEREAS the appropriate administrative offices of the University have reviewed the findings and conclusions detailed in the Mercer report and have concluded that Ohio Medical Indemnity, Inc., has submitted the most favorable quotation; and

WHEREAS this program is to provide, for all Regular faculty/staff of the University employed 50 per cent or more time, after one year of continuous service, and their eligible dependents, the following coverage benefits and limitations:

February 1, 1980 meeting, Board of Trustees

#### **DENTAL CARE GROUP INSURANCE PROGRAM (contd)**

Preventive - 100% of reasonable and customary charges: oral exams, radiographs, emergency treatment, prophylaxis, fluoride treatments and space maintainers.

Restorative Basic - 80% of reasonable and customary charges: anesthesia; amalgam, silicate and acrylic fillings; endodontics; periodontics; prosthodontics (maintenance) and oral surgery.

Restorative Major - 50% of reasonable and customary charges: gold foil, gold inlays, porcelain, crowns and prosthodontics (installation).

Orthodontia - 50% of reasonable and customary charges.

Deductible - \$25.00 annual deductible applies to Restorative and Orthodontia; \$750.00 calendar year maximum benefit applies to Preventive and Restorative; \$500.00 lifetime maximum benefit applies to Orthodontia.

#### **NOW THEREFORE**

BE IT RESOLVED, That Ohio Medical Indemnity, Inc., be designated as carrier for the group dental insurance program at a monthly premium of \$6.02 per faculty/staff member, or an estimated annual premium of \$779,000.00. Coverage will be available for dependents on an optional basis at a monthly premium of \$6.02 for one dependent and \$14.53 for two or more dependents. Fifty per cent of the premium for dependent coverage will be paid by the University (estimated annual cost, \$218,000.00); the balance will be paid by participating faculty/staff members via payroll deduction.

BE IT FURTHER RESOLVED, That the contract for coverage be awarded for a three-year period effective May 1, 1980, with the premium and the performance of the carrier to be reviewed annually. The insurance contract will remain in force after the initial three-year term until the Board of Trustees deems it appropriate to review the designation of the carrier and/or seek new premium quotations.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with five affirmative votes and Mrs. James and Mr. Smith abstaining.

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#### **REPORT - AUDIT OF THE OHIO STATE UNIVERSITY NATIONAL DIRECT STUDENT LOAN, SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT, AND COLLEGE WORK-STUDY PROGRAMS**

Resolution No. 80-81

*Synopsis: Report of auditor for The Ohio State University for NDSL Program for period July 1, 1977 through June 30, 1979, the SEOG Program for period July 1, 1977 through June 30, 1979, and the CW-S Program for the period July 1, 1976 through June 30, 1979, is recommended for acceptance.*

February 1, 1980 meeting, Board of Trustees

**REPORT - AUDIT OF THE OHIO STATE UNIVERSITY NATIONAL DIRECT  
STUDENT LOAN, SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT,  
AND COLLEGE WORK-STUDY PROGRAMS (contd)**

WHEREAS the Internal Auditing Department of The Ohio State University has been granted permission to audit the NDSL, SEOG, and CW-S Programs; and

WHEREAS the report from the Auditing Department for The Ohio State University on these programs for the periods July 1, 1977 through June 30, 1979 for the NDSL Program, July 1, 1977 through June 30, 1979 for the SEOG Program, and July 1, 1976 through June 30, 1979 for the CW-S Program has been received and reviewed by the appropriate officers of the University and officials of the Department of Health, Education, and Welfare; and

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in essentially satisfactory condition, but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the minor problems that were found:

NOW THEREFORE

BE IT RESOLVED, That this report of the auditor be received and filed with the official documents of the University.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPORT - NASPA RELOCATION**

President Enarson:

Next is an item which I thought might well interest the Board, and I find it very pleasant to report to you that through the initiative of Vice President Nester we will have housed on campus the National Association of Student Personnel Administrators. This particular operation has been located for a number of years in Portland, Oregon. We persuaded these folks to move here and I think this is a real coup for the University. Among other things, this will permit and encourage some work by our doctoral students who are interested in this particular area. So I am pleased to report that; it does not require any action.

The following is a report on the relocation:

The National Association of Student Personnel Administrators (NASPA) has recently approved The Ohio State University as the new site of the NASPA Central Office. That decision was reached by a unanimous vote of the NASPA Executive Committee on January 15, 1980.

February 1, 1980 meeting, Board of Trustees

### **REPORT - NASPA RELOCATION (contd)**

This Association serves as the primary professional resource for vice presidents, deans, and other student affairs administrators in institutions of higher education, and has a national membership exceeding 5,000 individuals from over 1,200 institutions. It is concerned with all aspects of the administration of student personnel programs, including research and program development, governmental relations and legislation, and professional development and standards.

Dr. William R. Nester, Vice President for Student Services at The Ohio State University, welcomed the members of NASPA by saying, "It is with great pleasure that we welcome NASPA to The Ohio State University. This decision is testimony to the reputation and superb resources offered by the institution. There are many mutually beneficial effects to be gained through this relationship, and we look forward to sharing our resources and exploring new ways to help us realize our mutual goals."

NASPA'S Central Office will relocate in Columbus on July 1, 1981. Their offices are currently housed in Portland, Oregon.

Dr. Sirak: Incidentally, where will they be housed?

President Enarson: We don't know yet; we're scrambling around--

Dr. Vandament:

There are several possibilities. We haven't even talked of matters of rent and lease so there will be some income gained.

President Enarson: Just a little income.

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### **REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 80-82

RESOLVED, That the report on the University's Investment Portfolio, dated January 18, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, March 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 7, 1980

The Board of Trustees met at its regular monthly meeting on Friday, March 7, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

March 7, 1980 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:30 p.m. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, John F. Havens and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:45 p.m.

## RESOLUTIONS IN MEMORIAM

Resolution No. 80-83

*Synopsis: Resolutions honoring the service of four of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Henry H. Blau

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 11, 1980, of Henry H. Blau, Professor Emeritus, Department of Ceramic Engineering.

Dr. Blau was born on May 16, 1897, at Dayton, Ohio. He received a B.S. in Chemical Engineering from the Carnegie Institute of Technology in 1919; a M.S. in Physical Chemistry from the Massachusetts Institute of Technology in 1920; a Ph.D. from the University of Pittsburgh in 1934; and a Professional Degree Chemical Engineer from the Carnegie Institute of Technology in 1935.

His illustrious career in the glass industry commenced in 1920 as a research chemist with the Macbeth-Evans Glass Company in Charleroi, Pennsylvania. He was named Director of Research in 1924 and continued in that position until 1936 when the Company merged with the Corning Glass Works. From 1936 to 1941, Dr. Blau was the Director of Research on Illuminating and Colored Glasses and Glass Crystallization for the Corning Glass Works, where pioneering research laid the groundwork for many areas of modern glass materials and applications.

In 1941, he was named as Vice President and Member of the Board of the Federal Glass Company and moved to Columbus to direct that Company's technical operations. He joined the faculty in 1945 to teach and conduct research on a part-time basis until his retirement from Federal Glass in 1963, when he accepted a full-time professorship. He was appointed Professor Emeritus in 1967.

March 7, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Henry H. Blau (contd)

Virtually every recognition available from the American Ceramic Society has been bestowed upon Dr. Blau, including the highest possible award of Honorary Life Member.

A legacy of quality publications in major scientific journals and an extensive list of American and foreign patents attest to his productive and creative career. His many former students, colleagues, and friends will sorely miss his valued guidance.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Blau its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss to the family, University and his many friends and associates.

George F. Grannis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 14, 1980, of George F. Grannis, Professor in the Department of Pathology.

Dr. Grannis was born in Lodi, Ohio, and received his bachelor's degrees in science and math and also in chemistry from the University of Michigan. He stayed at Michigan and obtained a master's degree in biochemistry and later received a Ph.D. in biochemistry from Temple University in 1961. He came to Ohio State in 1968 and quickly moved up the ranks to Professor of Pathology in 1976.

Dr. Grannis was a man of great curiosity and introspection in many areas, not only biochemistry, and he provoked thought and criticism of ideas in the people he touched. Some of the topics in which he published research findings included: biochemistry of proteins in health and disease, normal and abnormal blood coagulation, analysis of proteins involved in hemorrhage and thrombosis, excretion of estrogens in pregnancy, evaluation of pregnancy by urinary estrogens, proficiency evaluation of clinical laboratories, biochemistry of aging, preparation and design of quality control materials, statistical evaluation of laboratory data, demographic perturbations due to cigarette smoking, and the quality control of enzyme analyses. But these are just one measure of the man and do not reflect all his interests or abilities. He enjoyed discussing economic problems, life expectancy statistics, the social order, gerontology, and aging. His life was the world of ideas. Dr. Grannis had the unique gift of profound thinking, creativity, and critical analysis. Everything he did was thorough and he paid particular attention to details. He loved writing scholarly papers and enjoyed the precise use of the English language. Each one of his many scholarly publications are a pleasure to read since they're so lucid, and the ideas flow smoothly and easily. He was particularly skilled in preparing graphs and charts to convey ideas clearly.

Dr. Grannis was a leader. He was a founding member and first President of the National Academy of Clinical Biochemistry, he was a Chairman of the Ohio Valley Section of the AACC, and he played a key role in organizing the scientific papers for the 1972 National Meeting of the AACC. He was the Ohio Regent of the Gerontological Society and a member

March 7, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

George F. Grannis (contd)

of the Advisory Board of the Ohio Department of Health Laboratory Improvement Program. He was a member of 13 professional, scientific, and scholarly organizations, which reflected his catholic interest in science, biochemistry, clinical chemistry, pathology, aging, and social problems. He made particular contributions to the College of American Pathologist's quality control programs. Dr. Grannis had been honored by his peers. He was the B. J. Katchman awardee of the Ohio Valley Section for outstanding contributions to clinical chemistry in 1975, and he was the 1980 nominee of the Section for the National Boehringer Mannheim Award for outstanding contributions to clinical chemistry in a selected area.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Joseph M. Hewlett

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 28, 1980, of Joseph M. Hewlett, Associate Professor Emeritus in the School of Health, Physical Education and Recreation.

Professor Hewlett received his M.A. degree from the University of Michigan in 1946.

Professor Hewlett was a member of the faculty in the Division of Physical Education from 1947 to 1965 while he also served as varsity gymnastics coach for the Athletic Department. In 1965, he assumed a full-time faculty position in the Division of Physical Education until his retirement in 1977.

Professor Hewlett was a member of the American Association for Health, Physical Education, Recreation and Dance, the American Camping Association, and the United States Gymnastics Federation. He authored articles and gave presentations on gymnastics, physical education for children and camping programs for the handicapped.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Elizabeth I. Seabright

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 15, 1980, of Elizabeth I. Seabright, Assistant Professor Emeritus in the Department of Home Economics Education in the School of Home Economics.

March 7, 1980 meeting, Board of Trustees

### **RESOLUTIONS IN MEMORIAM (contd)**

Elizabeth I. Seabright (contd)

Ms. Seabright was born in Ross County, Ohio, on March 1, 1902. She received the B.S. degree in Spring of 1927 and the M.A. degree in March of 1942 from The Ohio State University. She attended Columbia University two semesters working toward a doctoral degree in 1947-48.

Ms. Seabright taught home economics at McClain Junior High School in Greenfield, Ohio, from 1923 to 1928. From there she went to Camden Practice School, Camden, Ohio, teaching and supervising student teachers from 1928-31 and returned to Greenfield to teach vocational home economics at McClain High School from 1932 to 1942.

She came to The Ohio State University on September 1, 1942, as an Instructor and taught in the vocational home economics program, was promoted to Assistant Professor in July, 1945 and retired October 1, 1961.

Ms. Seabright's teaching was in the area of home economics education and supervision of student teachers in cooperation with the State Department of Education, including the in-service education of teachers of home economics in the secondary schools. She authored bulletins for the State Department of Education which were distributed by the Division of Vocational Education.

Her memberships and professional activities included Omicron Nu, an honorary in home economics; Phi Lambda Theta, an honorary in education; American Home Economics Education Association; Ohio Home Economics Association; Ohio Vocational Association and American Vocational Association.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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### **DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT**

Resolution No. 80-84

*Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

March 7, 1980 meeting, Board of Trustees

**DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT (contd)**

**NOW THEREFORE**

BE IT RESOLVED, That the degrees and certificates be conferred on March 20, 1980, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREES**

Resolution No. 80-85

*Synopsis: Approval is requested for awarding honorary degrees.*

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Barbara S. Uehling

Doctor of Laws

and

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Norman Ernest Borlaug

Doctor of Science

Edgar Dale

Doctor of Humane Letters

Laurence M. Gould

Doctor of Science

John G. Wagner

Doctor of Science

**NOW THEREFORE**

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Havens, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Galbreath:

Madam Chairman, I had mentioned this once before. I read the background on all these distinguished individuals. I wondered if there could be some--in the

March 7, 1980 meeting, Board of Trustees

### HONORARY DEGREES (contd)

Mr. Galbreath: (contd)

future, if there could be a little story about them other than just a list of degrees and professional accomplishments--why they have been singled out, have they invented something, have they been a unique contributor to their industry or is there something unusual about each one that we ought to know. Otherwise, you're just reading a biography and that doesn't really tell me all that I would like to know.

President Enarson:

I think your point is very well taken and the Committee on Honorary Degrees has a great deal of background information which it has assembled prior to reaching a decision and it would be no task at all to extract notes which would enable one to get a better fix on this and indeed, you'd find it very rewarding very quickly. For example, Edgar Dale is really one of our most distinguished professors. We had a lovely ceremony for him, Phi Delta Kappa did, earlier this week and named part of a building for him. He's a true star in the OSU firmament and you're deprived of a full understanding of what Edgar Dale has meant to this University.

Mr. Galbreath:

That's what I would like for you to put on each one, just so that it just isn't a category and a name someplace.

President Enarson: We'll do it. Mr. Secretary, we'll work together on that. Thanks a lot.

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### PERSONNEL ACTIONS

Resolution No. 80-86

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Professional Improvement Leaves are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 1, 1980 meeting of the Board, including the following Leaves of Absence Without Salary and Professional Improvement Leaves as detailed in the University Budget for 1979-80, be approved.

Leaves of Absence Without Salary

HARRY L. COLES, Professor, Department of History, effective October 1, 1980 through March 31, 1981, to teach at the University of Durham, England.

March 7, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

RONALD W. HART, Professor, Department of Radiology, effective May 1, 1980 through April 30, 1981, to serve as Director, National Center for Toxicological Research for the Federal Drug Administration.

MANSEL G. BLACKFORD, Associate Professor, Department of History, effective April 1, 1980 through December 31, 1980, to accept a Fulbright Lectureship to teach American History at Kyushu University and Seinan Gakuin University in Fukuoka, Japan.

DAVID F. ROBINSON, Associate Professor, Department of Slavic and East European Languages and Literatures, effective April 1, 1980 through June 30, 1980, to accept a grant from the International Research and Exchanges Board (IREX) to study Slavic paleography in Bulgaria.

MICHAEL J. ZWETTLER, Associate Professor, Department of Judaic and Near Eastern Languages and Literatures, effective April 1, 1980 through September 30, 1980, to participate in the Institute for Advanced Studies at the Hebrew University of Jerusalem, Israel.

PAUL J. QUIRK, Assistant Professor, Department of Political Science, effective October 1, 1980 through June 30, 1981, to continue work at Brookings Institution.

ANN M. SEYBOTH, Assistant Professor, University Libraries, effective March 25, 1980 through March 24, 1981, for personal reasons.

NANCY ANN RUDD, Instructor, Department of Textiles and Clothing, effective March 1, 1980 through March 31, 1980, for personal reasons.

#### Professional Improvement Leaves

WILLIAM J. DAVIS, Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

DAVID H. ELLIOT, Professor, Department of Geology and Mineralogy and Director, Institute of Polar Studies, effective Summer Quarter 1980 and Autumn Quarter 1980.

GIDEON FRAENKEL, Professor, Department of Chemistry, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

KOICHIRO HARADA, Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

JOHN H. KESSEL, Professor, Department of Political Science, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.



March 7, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Professional Improvement Leaves (contd)

MICHAEL J. KINDRED, Professor, College of Law, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

WEN LANG LI, Professor, Department of Sociology, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

SAMUEL H. OSIPOW, Professor, Department of Psychology, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

RICHARD N. PRATTE, Professor, Academic Faculty of Foundations and Research, effective Winter Quarter 1981 and Spring Quarter 1981.

LAUREL WALUM RICHARDSON, Professor, Department of Sociology, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

D. A. RIGNEY, Professor, Department of Metallurgical Engineering, effective Winter Quarter 1981 and Spring Quarter 1981.

PHILIP D. STEWART, Professor, Department of Political Science, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

JILL YAQUB, Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

MOHAMMED YAQUB, Professor, Department of Physics, effective Autumn Quarter 1980 and Winter Quarter 1981.

SEPPO A. KORPELA, Associate Professor, Department of Mechanical Engineering, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

HOWARD P. MARVEL, Associate Professor, Department of Economics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

RICHARD H. REUNING, Associate Professor, College of Pharmacy, effective Autumn Quarter 1980, Winter Quarter 1981, Spring Quarter 1981 and Summer Quarter 1981.

PHILIP J. VON RAABE, Associate Professor, Department of Art, effective Winter Quarter 1981 and Spring Quarter 1981.

SIA K. WONG, Associate Professor, Department of Mathematics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 7, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-87

*Synopsis: The report on contracts, grants and gifts and the summary for January are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of January 1980, be approved.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

### SUMMARY FOR JANUARY 1980

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	66	\$3,548,336.25
Engineering Experiment Station	1	104,720.00
		\$3,653,056.25
December 1979		
The Ohio State University Development Fund	10,113 Donors	\$3,292,167.66
Establishment of Named Funds		
Sphinx Endowment Fund (Establishment of Sphinx Plaza)		\$ 43,863.22
Dairy Science Research Fund (Department of Dairy Science)		\$ 10,000.00
The Home Economics Programs (School of Home Economics)		\$ 10,000.00
Sidney W. Nelson Radiology Fund (Radiology education and research)		\$ 8,914.20

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR JANUARY 1980 (contd)**

**Establishment of Named Funds (contd)**

Tuscarawas County Scholarship Fund (Undergraduate student scholarships)	\$ 5,000.00
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**Report from Presidents Club**

Members to date	3,451
1980: year to date	65
New members - January 1980	65

**New Presidents Club Members - January 1980**

Jerold H. Altman	Robert H. Knabe
Christine M. Andrews	Thomas J. Kolda
Rannells Bauman	Randall L. Kreager
Ronald W. Benedick	Donald L. Lewis
Edgar A. Bircher	Robert A. Lightburn
Diana L. Blazer (Mrs. John)	F. Paul Logeman
Keith C. Bogart	Kay B. Marshall (Mrs. Paul)
Deborah P. Bower	Lois McAdoo
James C. Bragg	Robert B. McDonald
David A. Brooks	Ruth Morgan McNeal
William L. Buckingham	J. Thomas Meeks
William B. Burgett	Gordon E. Meinhart, Jr.
John R. Byrd	Wayne S. Nichols
George B. Cardosi	Nancy E. Pankuch (Mrs. Richard G.)
Sheila A. Castellarin	Richard G. Pankuch
Marguerite A. Cobourn	Lelia B. Pfening
Wallace E. Conard	Cynthia G. Phillips
John W. Creamer	Michael L. Pulfer
Barbara Ann Erler (Mrs. George W.)	Michael P. Scholler
William L. Evans	Jean F. Seiberling
James R. Galvin	Fannie L. Shafer (Mrs. Richard H.)
Susan Gerlach	Bipin Shah
James F. Graham	Robert N. Shamansky
Gerald L. Grinstead	Richard D. Shock
David G. Haas	George I. Slaman
David B. Hartsook	Dorothy T. Taber
Craig A. Hasselschwert	Glendine H. Wadlington (Mrs. George F.)
Edgar P. Haudenschild	Harry D. Watkins
William G. Heim	Robert B. Webber
Lawrence A. Herrett	John M. Williams
Willard W. Hoyt	Roger D. Winland
O. William Hueter	Mary J. Yeager (Mrs. John)
William H. Kaye	

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SECOND QUARTER SUMMARY**

October 1, 1979 through December 31, 1979

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Source	No. of Donors	Support Level
<b>ANNUAL GIVING</b>		
Direct Mail	1,844	\$ 77,314.00
Annals	2,550	42,620.46
Miscellaneous	8,400	504,494.54
Community Campaigns	2,770	67,991.64
Corporate Matching Gifts	166	36,376.92
<b>TOTAL</b>	<b>15,730</b>	<b>\$ 728,797.56</b>
<b>MAJOR RESOURCES</b>		
Deferred Gifts	47	\$1,391,400.12
Major Individuals	720	1,548,083.39
Corporations	136	843,329.85
Corporate Foundations	128	286,338.46
Private Foundations	39	253,879.28
Other Organizations	553	546,430.95
<b>TOTAL</b>	<b>1,623</b>	<b>\$4,869,462.05</b>
<b>GRAND TOTAL</b>	<b>17,353</b>	<b>\$5,598,259.61</b>

March 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$999,932.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1980 through 30 September 1981. (Project 760081 - Continuation)

\$223,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science, Division of Continuing Education (C. J. Slanicka and R. M. Montgomery), 1 January 1980 through 30 September 1980. (Project 761381 - Continuation)

\$194,855.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Develop a Communications Office and Cancer Information Service, Cancer Research Center (D. S. Yohn), 19 September 1980 through 18 September 1981. (Project 761352 - Continuation)

\$145,809.00 - National Science Foundation, Washington, D. C., Purchase of a Nuclear Magnetic Resonance Spectrometer, Department of Chemistry (D. W. Meek), 1 January 1980 through 31 December 1980. (Project 762001 - New)

\$84,998.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering (J. Meadors), 22 December 1979 through 22 May 1980. (Project 760547 - Continuation)

\$75,634.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology (D. R. Meyer and P. M. Meyer), 1 January 1980 through 31 December 1980. (Project 761470 - Continuation)

\$74,979.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering (L. Peters and W. D. Burnside), 1 January 1980 through 30 April 1981. (Project 761608 - Continuation)

\$69,939.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Effects on Muscle Contraction and Endurance, College of Pharmacy (M. C. Gerald), 1 February 1980 through 31 January 1981. (Project 764488 - Continuation)

March 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$68,700.00 - National Science Foundation, Washington, D. C., Comparative Syringeal Function, Department of Zoology (A. S. Gaunt and S. L. Gaunt), 1 January 1980 through 31 December 1982. (Project 761989 - New)

\$59,939.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Development and Optimization of Methodologies for Analysis of Complex Hydrocarbon Mixtures, Department of Chemistry (R. J. Laub), 1 January 1980 through 31 December 1980. (Project 761982 - New)

\$46,990.00 - National Science Foundation, Washington, D. C., Student Science Training, Department of Mathematics (T. G. Ralley), 15 January 1980 through 31 August 1981. (Project 762013 - New)

\$44,808.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Drug Abuse/Alcoholism Career Teacher Training, Department of Preventive Medicine (M. D. Keller), 1 January 1980 through 31 December 1980. (Project 761482 - Continuation)

\$40,709.00 - National Science Foundation, Washington, D. C., Analytical and Physico-Chemical Studies by Gas-Liquid Chromatography, Department of Chemistry (R. J. Laub), 1 March 1980 through 28 February 1981. (Project 761541 - Continuation)

\$38,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, Department of Electrical Engineering (A. A. Ksienski and W. D. Burnside), 1 August 1980 through 30 September 1980. (Project 761461 - Continuation)

\$37,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, In Search of a Theoretical Foundation for Quantitative Ultrasonic Measurement of Fracture Toughness, Department of Engineering Mechanics (S. L. Fu), 7 February 1980 through 6 February 1981. (Project 761641 - Continuation)

\$35,486.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Nitroglycerin Tolerance, College of Pharmacy (T. D. Sokoloski), 1 December 1979 through 30 November 1980. (Project 761464 - Continuation)

\$33,248.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Antiarrhythmic Studies on 2-Substituted Aminoindenes, College of Pharmacy (R. G. Rahwan), 1 January 1980 through 31 December 1980. (Project 761015 - Continuation)

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$32,545.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Coordination and Control of Multiple-Armed Manipulator Systems, Department of Electrical Engineering (C. A. Klein), 1 February 1980 through 31 January 1981. (Project 762012 - New)

\$28,528.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (G. Gregorek), 1 February 1980 through 31 January 1981. (Project 762009 - New)

\$27,282.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Surveying Systems, Department of Geodetic Science (I. I. Mueller), 1 October 1979 through 31 October 1980. (Project 761793 - Continuation)

\$22,196.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Truck Tractor Pneumatic Simulator Development, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 31 December 1980. (Project 761992 - New)

\$19,617.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1980 through 31 December 1980. (Project 760993 - Continuation)

\$18,005.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., The Cognitive Processes of Contextual Features Produced by Children in Three Modes of Discourse, Academic Faculty of Early and Middle Childhood Education (M. King) and Academic Faculty of Humanities Education (V. Rentel), 1 January 1980 through 31 March 1980. (Project 761513 - Continuation)

\$17,213.00 - National Science Foundation, Washington, D. C., The Microfoundations of Inflationary Dynamics, Department of Economics (J. H. McCulloch), 1 February 1980 through 30 September 1980. (Project 762014 - New)

\$16,065.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody, Department of Surgery (J. Cerilli), 1 December 1979 through 30 November 1980. (Project 763857 - Continuation)

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$15,460.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Development and Testing of Software for the Link from HP 9830 Calculator to PDP 11-34, Department of Electrical Engineering (H. Hemami), 1 December 1979 through 31 December 1980. (Project 761985 - New)

\$14,852.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Processing and Display of National Highway Traffic Safety Administration In-House Test Data, Department of Electrical Engineering (H. Hemami), 1 December 1979 through 31 December 1980. (Project 761986 - New)

\$13,734.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, The Measurement of Socio-Moral Reflection, Department of Psychology (J. C. Gibbs), 1 January 1980 through 31 December 1980. (Project 761998 - New)

\$13,550.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, The Effects of Punishment in Early Development, Department of Psychology (A. C. Collier), 1 January 1980 through 31 December 1980. (Project 761997 - New)

\$9,044.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computer Modeling of Angular Side Impact Collisions, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 30 June 1980. (Project 761991 - New)

\$8,026.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Evaluation of Bacterial Binding and Release of Cadmium from Aquatic Sediments, Engineering Experiment Station, Water Resources Center (R. C. Stiefel) and Department of Microbiology (R. M. Pfister), 1 October 1979 through 30 September 1981. (Project 761901 - Continuation)

\$2,500.00 - Department of Labor, Washington, D. C., Hearing Losses of Federal Employees, Department of Communication (E. J. Hardick) and Department of Otolaryngology (W. Melnick), 1 January 1980 through 4 October 1980. (Project 761897 - Continuation)

\$2,500.00 - National Science Foundation, Washington, D. C., Microparticle Stratigraphy of Ice Cores From the Ross Ice Shelf, Institute of Polar Studies (D. H. Elliot and L. G. Thompson), 1 January 1980 through 31 March 1980. (Project 761025 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$2,535,143.00**



March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants**

\$95,513.00 - State of Ohio, Public Utilities Commission of Ohio, Columbus, Ohio, Technical Assistance for the Development and Application of Regulatory Methods for Major Telephone Rate Applications, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 1 January 1980 through 31 August 1980. (Project 761972 - New)

\$23,000.00 - Ohio Historical Society, Columbus, Ohio, Regional Preservation Office 7HA, Mansfield Campus (R. L. Wink and S. McQuillin), 1 October 1979 through 30 September 1980. (Project 762005 - New)

\$22,817.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (D. T. Hughes and W. Dancey), 1 October 1979 through 30 September 1980. (Project 761871 - Continuation)

\$19,890.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 4A (OSU Mansfield Campus), Mansfield Campus (R. L. Wink, S. L. Deaver and D. Morse), 1 October 1979 through 30 September 1980. (Project 762004 - New)

\$13,375.00 - State of Ohio, Division of Mental Health, Columbus, Ohio, Assessment of Programmatic Responses to the Proposed Standards and Guidelines for Program Evaluation in 648 Board and Contract Agencies, College of Social Work (B. Toomey), 1 February 1980 through 30 June 1980. (Project 762015 - New)

\$11,345.00 - State of Ohio, Division of Mental Health, Department of Mental Health and Mental Retardation, Columbus, Ohio, Neuroendocrine Changes in Major Depression, Department of Psychiatry (H. Schmidt), 1 November 1979 through 30 June 1980. (Project 762006 - New)

\$8,460.00 - State of Ohio, Department of Health, Columbus, Ohio, "Perinatal Outreach" Project, Department of Pediatrics (L. Cordero), 1 December 1979 through 30 June 1980. (Project 762008 - New)

\$7,999.00 - State of Ohio, Department of Liquor Control, Columbus, Ohio, Assessing the Impact of a "Teenage Drinking Preventative Program" on the Traffic-Related Accident Involvement of Affected Students, National Center for Research in Vocational Education (R. E. Taylor), 22 January 1980 through 30 June 1980. (Project 762003 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS**

**\$ 202,399.00**

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$284,633.00 - Toledo Edison Company, Toledo, Ohio, Operational Aquatic Ecology Monitoring Program for the Davis-Besse Nuclear Power Station, Center for Lake Erie Area Research (J. M. Reutter and C. E. Herdendorf), 1 January 1980 through 30 June 1982. (Project 761996 - Continuation)

\$174,123.00 - Battelle Memorial Institute, Office of Nuclear Waste Isolation (ONWI), Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (F. A. Kulacki), 1 January 1980 through 30 September 1980. (Project 761731 - Continuation)

\$56,368.00 - Public Service Commission of the District of Columbia, Washington, D. C., Regulatory Approaches for the Transition From a Monopoly Environment to a Competitive Environment in the Telecommunications Industry, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 1 January 1980 through 31 August 1980. (Project 761988 - New)

\$47,500.00 - Clarkson College of Technology, Potsdam, New York, A Meteorological Instrumented Range for Millimeter Wave Sensors, Department of Electrical Engineering (C. Levis), 2 January 1980 through 30 September 1980. (Project 761830 - New)

\$40,565.00 - U.S.-Spanish Joint Committee for Scientific and Technological Cooperation, Madrid, Spain, Paleomagnetic Study of Upper Carboniferous Coal-Bearing Strata in Northwest Spain, Department of Geology and Mineralogy (H. C. Noltmeyer), 1 January 1980 through 31 May 1980. (Project 761703 - Continuation)

\$31,180.00 - Cornell University, Ithaca, New York, A Sampling Plan for Estimating Fruit Tree Damage Caused by Pine Voles, Department of Zoology (J. Bart), 1 December 1979 through 31 December 1981. (Project 762002 - New)

\$26,678.00 - University of Maine at Orono, Orono, Maine, A Study of the Interaction of the Ross Ice Shelf With Byrd Glacier, Institute of Polar Studies (D. H. Elliot and H. H. Brecher), 1 December 1979 through 31 October 1980. (Project 761737 - Continuation)

\$18,188.00 - Texas Education Agency, State Department of Education, Austin, Texas, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 31 August 1980. (Project 761993 - New)

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$16,147.00 - Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania, The Relationships of Social Status and Mortality in Gray Squirrels, Department of Zoology (J. D. Harder), 1 January 1980 through 30 November 1981. (Project 761696 - Continuation)

\$15,250.00 - Montgomery County Public Schools, Rockville, Maryland, Montgomery County Public Schools Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 10 January 1980 through 30 June 1980. (Project 762011 - New)

\$15,000.00 - City of Columbus, Department of Finance, Division of Fire, Columbus, Ohio, City of Columbus, Division of Fire Planning Group, College of Administrative Science, Division of Continuing Education (J. P. Stanley), 1 January 1980 through 30 June 1980. (Project 761701 - Continuation)

\$14,200.00 - Hamilton Standard, Division of United Technologies, Windsor Locks, Connecticut, Advanced Airfoils for Propeller Applications, Department of Aeronautical and Astronautical Engineering (K. D. Korkan), 21 December 1979 through 29 February 1980. (Project 761707 - Continuation)

\$13,000.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of In-Vitro Methods Used in Toxicological Research, Department of Veterinary Clinical Sciences (M. Wyman), 1 October 1979 through 30 September 1980. (Project 760402 - Continuation)

\$10,000.00 - The Weight Watchers Foundation, Inc., Manhasset, New York, Catecholestrogens and Their Relationship to Hypertension, Menstrual Cyclicity, and Psychological Status During Planned Weight Reduction in the Obese, Department of Obstetrics and Gynecology (M. H. Kim and C. Friedman), 1 January 1980 through 31 December 1980. (Project 762007 - New)

\$8,236.00 - Elsa U. Pardee Foundation, Midland, Michigan, A Novel Prodrug-liposome Delivery System for Improved Chemotherapy by the Antileukemic Drug, Arabinosylcytosine, College of Pharmacy (R. Notari), 1 February 1980 through 31 January 1981. (Project 761999 - New)

\$6,336.00 - University of Dayton, Research Institute, Dayton, Ohio, Histopathologic Examination of Guinea Pig Temporal Bones, Department of Otolaryngology (D. J. Lim), 1 February 1980 through 1 August 1980. (Project 761976 - New)

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Membrane Glycoproteins of Lymphocytes From Normals and Lymphoma Patients, Department of Medicine (D. M. Lewis), 1 November 1979 through 31 October 1980. (Project 761990 - New)

\$5,707.00 - Exxon Education Foundation, New York, New York, Critical Issues of the Twentieth-Century World, Department of History (C. Findley), 1 April 1980 through 31 March 1981. (Project 762010 - New)

\$4,813.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 30 September 1979 through 29 March 1980. (Project 760617 - Continuation)

\$4,257.25 - Midwest Universities Consortium for International Activities, Inc., (MUCIA), Madison, Wisconsin, Women in Development Network, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 15 August 1979 through 15 August 1980. (Project 761983 - New)

\$4,015.00 - University of Missouri, Columbia, Missouri, Study of Gas-Solid Airflow Over a Flat Plate, Department of Chemical Engineering (J. L. Zakin), 1 December 1979 through 30 November 1980. (Project 760974 - Continuation)

\$3,698.00 - Scripps-Howard Newspapers, Cincinnati, Ohio, QUBE's Impact on Newspaper Readership, School of Journalism (L. B. Becker and S. Dunwoody), 1 January 1980 through 31 March 1980. (Project 761980 - New)

\$2,500.00 - The George Gund Foundation, Cleveland, Ohio, Ohio Commission for Children's Statewide Conference on Children's Needs, Office of Academic Affairs, Division of Continuing Education (D. E. Crawford), 1 November 1979 through 31 October 1980. (Project 762000 - New)

\$2,000.00 - American Petroleum Institute, Washington, D. C., API Readability Analysis, Department of Psychology (E. T. Cornelius, III), 1 February 1980 through 30 April 1980. (Project 761804 - Continuation)

\$400.00 - Interamericana University of Puerto Rico, San German, Puerto Rico, Technical Assistance, National Center for Research in Vocational Education, (R. E. Taylor), 1 November 1979 through 30 November 1979. (Project 768025 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-  
FEDERAL RESEARCH CONTRACTS/GRANTS**

**\$ 810,794.25**

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**ENGINEERING EXPERIMENT STATION**

**Industrial and Other Sponsored Research and Development**

\$104,720.00 - Gas Research Institute, Chicago, Illinois, for "Antenna Design for Terrascan Radar System," Department of Electrical Engineering, June 1, 1979 through May 31, 1980. (EES 601/529081 and EES 602/529082)

**Sponsored Development Projects**

\$114,769.00 from various sponsors for 42 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$20,950.71 - Louise Orr Scott Foundation, Columbus, Ohio, for William Craig Orr and Mary Black Orr Scholarship in Medicine.

\$20,815.63 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$15,350.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$15,220.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$15,000.00 - American Broadcasting Company, New York, New York, for William D. Stewart Memorial Fund.

\$15,000.00 - The Kiplinger Foundation, Inc., Washington, D. C., for Willard M. Kiplinger Chair in Public Affairs Reporting.

\$14,390.30 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,077.74 - Grace and Carl Baldwin Trust, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.

\$10,000.00 - Dr. Dorothy DeLong Scott, Columbus, Ohio, for Home Economics Programs Fund Endowment.

March 7, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$7,500.00 - Western-Southern Life Insurance Company, Cincinnati, Ohio, for John W. Bricker Named Professorship in the College of Law.

\$6,322.50 - Eastman Kodak Company, Rochester, New York, for Kodak Scholars Program in Engineering Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

\$5,844.48 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$5,000.00 - Irvin L. Allison, (given in the names of Mr. and Mrs. Irvin L. Allison), Columbus, Ohio, for Dr. Floyd M. Beman Fund.

\$5,000.00 - Gannett Newspaper Foundation, Rochester, New York, for Journalism Director's Special Fund.

\$5,000.00 - Richard D. Gilson, Columbus, Ohio, for Department of Aviation Chairman's Discretionary Fund.

\$5,000.00 - Dorothy J. Knull, Columbus, Ohio, for the Josef N. Knull Memorial Fund in Entomology.

\$5,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

\$5,000.00 - Dr. M. Henry Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

**Gifts-in-Kind**

\$80,065.00 - Anonymous donor, gemstones to be housed in Mershon Auditorium.

\$20,000.00 - Battelle Memorial Institute, Columbus, Ohio, a friction welding system for use in the College of Engineering.

\$7,805.00 - Branson Sonic Power Company, Danbury, Connecticut, Branson 3121 Ultrasonic Metal Welder for use in the College of Engineering.

March 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **Sphinx Endowment Fund**

The Sphinx Endowment Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members and friends of Sphinx, the senior honorary.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and additional gifts are to be added to the principal for the purpose of establishing the Sphinx Plaza on campus. Principal as well as income may be used for planning, construction and maintenance of the plaza, which shall be dedicated to the University on the event of the 75th anniversary of the founding of Sphinx.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for recognized student organizations. Before making such recommendations, the University official so designated should consult with the Sphinx organization or its successor.

##### **Dairy Science Research Fund**

The Dairy Science Research Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the case dictates.

The annual income is to be used to supplement research programs in the Department of Dairy Science. Preference will be given to research projects of new faculty members and to innovative research by established faculty, as determined by the Executive Committee of the Department.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with the preference being given to the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

March 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Home Economics Programs Fund**

The Home Economics Programs Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of the School of Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the case dictates.

The annual income is to be used to further programs in the School of Home Economics, as determined by the Home Economics Programs Fund Board.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with the preference being given to the appropriate administrative official of the University who is then directly responsible for the School of Home Economics.

##### **Sidney W. Nelson Radiology Fund**

The Sidney W. Nelson Radiology Fund was established March 7, 1980, with gifts to The Ohio State University through The Ohio State University Development Fund from Dr. Sidney W. Nelson, of Columbus, Ohio.

Sidney W. Nelson, M.D., was Chairman and Professor of the Department of Radiology at The Ohio State University from 1955-1975. During that time, the Department, under his leadership, grew rapidly and achieved national prominence in the field.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Income and/or principal from the fund are to be used for the support of radiology education and research activities not funded by legislative appropriations; i.e., the purchase of supplies and equipment to support such research and faculty and/or student travel to scientific meetings and other educational conferences which will contribute to their scientific and educational advancement as well as other expenses contributing to enrichment of the scholarly programs of the department. Requisitions for such funds will be approved by the Chairman of the Department of Radiology and the Dean of the College of Medicine.

Should the Department of Radiology cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for radiological education.



March 7, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Tuscarawas County Scholarship Fund**

The Tuscarawas County Scholarship Fund was established March 7, 1980, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Tuscarawas County to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students from Tuscarawas County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Tuscarawas County Alumni Club.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

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## **INTRODUCTION OF RICHARD O. BUXTON**

President Enarson:

Madam Chairman and Members of the Board, this may be as good a time as any to break into the formal agenda. I would like at this time to introduce our new Vice President for Development and Director of the Development Fund, Richard Buxton, who is sitting over here. Dick, we are delighted to have you here. It is his first day--second day at work. He has been instructed by all and sundry on his--the nature of his challenges. I caught him eating his whole wheat toast in the cafeteria this morning and to my great regret he reported that he had already been out and run 10 miles. To those of us who have trouble getting to the breakfast table at a slow walk it is very disconcerting, and we are delighted that you are here.

Without in any way reflecting on the work of the past, I will be working with Mr. Buxton on a different form of presentation on the matter of the Development Fund report. It seems to me that we do this Board a disservice when we don't have comparable data; that is, this year against last year or this quarter against a prior quarter. Also, we need a sharper distinction--we need some distinctions in terms of the number of donors. We currently list anybody who gives anything--for example, to WOSU--as a donor, and I think that inflates the statistics and I think it is intrinsically confusing. So we are going to be working on some different presentations which will give you a better sense of perspective.

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March 7, 1980 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS

Resolution No. 80-88

*Synopsis: Plans and specifications are being proposed for the following projects.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following projects:

### PARKING LOTS, MAINTENANCE AND REPAIRS - 1980

Project: Portion of annual maintenance program for repairs and up-grading of existing parking lots.

Funding: Budget Account 885071 (Traffic and Parking Revenues)

Estimated Project Cost: \$300,028.00

### ARPS AND OHIO UNION PARKING RAMPS, MAINTENANCE AND REPAIRS - 1980

Project: Repairs necessary due to deterioration of concrete and water-proofing of top decks.

Funding: Budget Account 885120 (Traffic and Parking Revenues)

Estimated Project Cost: \$225,381.00

### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 80-89

*Synopsis: Contracts have been awarded for the projects enumerated below to the lowest and best bidders in accordance with University procedures.*

March 7, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM**

Description: Improvements to the heating, ventilating and air conditioning system to meet current energy conservation programs.

**Heating, Ventilating and Air Conditioning Contract**

Date Received:	February 6, 1980
No. of Bids:	5
Low Bid:	\$125,500.00
High Bid:	\$329,977.00
Estimate of Cost:	\$360,000.00
Awarded to:	Johnson Controls, Inc. (Columbus, Ohio)
Total All Contracts:	\$125,500.00
Total Contingency Allowance:	\$206,828.75*
Total Project Cost:	\$362,000.00
Funding:	Budget Account 885088 (Housing and Urban Development Loan to The Ohio State University Residence and Dining Halls)

\*HUD has approved expanding the project with similar programmed work in the same group of buildings to the total approved loan amount.

**WATER TOWER PAINTING**

Description: Complete repainting of the interior and exterior of the tower.

**General Contract**

Date Received:	January 31, 1980
No. of Bids:	3
Low Bid:	\$42,923.00
High Bid:	\$75,543.00
Estimate of Cost:	\$98,000.00
Awarded to:	RossLin Construction & Maintenance Co. (Columbus, Ohio)

March 7, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**WATER TOWER PAINTING (contd)**

Total Contract: \$42,923.00  
Total Contingency Allowance: \$ 3,480.06 which is 8 per cent of construction contract  
Total Project Cost: \$47,700.00  
Funding: Budget Account 210134 (Contract Repair 1979-80)

**GOSS LABORATORY, STEAM DISTRIBUTION IMPROVEMENTS**

Description: Remove obsolete and oversized steam pressure reducing station, boiler feed tank, and boiler feed pumps and replace with new equipment to meet current requirements of the building.

**Mechanical Contract**

Date Received: February 7, 1980  
No. of Bids: 4  
Low Bid: \$31,300.00  
High Bid: \$36,300.00  
Estimate of Cost: \$40,000.00  
Awarded to: C & E Mechanical, Inc. (New Albany, Ohio)  
Total Contract: \$31,300.00  
Total Contingency Allowance: \$ 2,504.14 which is 8 per cent of construction contract  
Total Project Cost: \$35,091.00  
Funding: Budget Account 210134 (Contract Repair 1979-80)

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 7, 1980 meeting, Board of Trustees

**TRANSFER TRANSLATOR W47AB FROM OHIO EDUCATIONAL TELEVISION  
NETWORK COMMISSION TO THE OHIO STATE UNIVERSITY**

Resolution No. 80-90

*Synopsis: The transfer of Mansfield translator W47AB from Ohio Educational Television Network Commission to The Ohio State University is being proposed.*

WHEREAS The Ohio State University and the Ohio Educational Television Network Commission have worked in concert to develop the W47AB translator at Mansfield, Ohio, so that the benefits of educational television could be extended to that region; and

WHEREAS said translator has been constructed by the Ohio Educational Television Network as part of its plan for state-wide service; and

WHEREAS said translator has been operated since 1 October 1977 by The Ohio State University; and

WHEREAS the state education television plan includes provisions for transfer of the translator license to The Ohio State University and those conditions will be stipulated in related applications to the Federal Communications Commission and in mutual assurances exchanged between these parties; and

WHEREAS basic financial support for the operation of this translator has been provided through grants from the Ohio Board of Regents, and is expected to continue, to be provided by the Board of Regents:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University does hereby authorize the President, or his designated representative, to execute documents which will transfer the license of W47AB from the Ohio Educational Television Network Commission to The Ohio State University.

Upon motion of Dr. Sirak, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**SALE OF PROPERTY - LOT 93, GENEVA-ON-THE-LAKE, OHIO**

Resolution No. 80-91

*Synopsis: Sale of Lot 93, Geneva-on-the-Lake, Ohio, is proposed.*

WHEREAS the University has been provided an opportunity to sell an undivided one-half interest in the following property which has been held in the University Endowment Portfolio:

March 7, 1980 meeting, Board of Trustees

**SALE OF PROPERTY - LOT 93, GENEVA-ON-THE-LAKE, OHIO (contd)**

Situated in the Township of Geneva, County of Ashtabula, and State of Ohio, and known as being Sublot 93 in "The J. C. Palmer Realty Company's Palmetto Beach Allotment" of Original Geneva Township Lot 47, as shown by the recorded plat in Volume 8, pages 3, 4, 5, 6 of the Records of Maps of Ashtabula County, Ohio; and

WHEREAS the University, through the Development Fund, was named as a residual beneficiary in the Ivof Spafford Estate and received in 1976 an undivided one-half interest in Lot 93, Geneva-on-the-Lake; and

WHEREAS a firm offer has been received from Ralph E. and Jo Anne C. Belsterling to purchase gift property; and

WHEREAS Mrs. Alice Spafford, co-owner, has given her consent to sell and has authorized the University to proceed on her behalf; and

WHEREAS the University and Alice Spafford are in mutual agreement as to selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell the University's undivided one-half interest in said property in the name of the Board of Trustees of The Ohio State University, on behalf of the Development Fund, the proceeds from such sale to be channeled through the Development Fund.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**SALE OF PROPERTY - LOTS NOS. 7, 8, 9, 10, 11, 12  
(218-258 WEST CENTER STREET, MARION, OHIO)**

Resolution No. 80-92

*Synopsis: Sale of property at 218-258 West Center Street, Marion, Ohio, is proposed.*

WHEREAS The Ohio State University Development Fund was given a shopping center known as the Central Junior High School Grounds, located on the north side of West Center Street, and further described as 218-258 West Center Street, Marion, Ohio, by Mr. and Mrs. William Davis and son, William C. Davis, for the purpose of establishing The William H. Davis Professorship in the College of Administrative Science; and

WHEREAS The Ohio State University Development Fund is desirous of selling said property and realizing the maximum proceeds from said sale; and

March 7, 1980 meeting, Board of Trustees

**SALE OF PROPERTY - LOTS NOS. 7, 8, 9, 10, 11, 12  
(218-258 WEST CENTER STREET, MARION, OHIO) (contd)**

WHEREAS the Marion Power Shovel Company, Inc., has executed a lease on a portion of said property and in said lease was granted an Option to Purchase said property in its original lease; and

WHEREAS the Marion Power Shovel Company, Inc., now wishes to finalize the purchase of said property; and

WHEREAS the University and Marion Power Shovel are in mutual agreement as to selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sell the University's interest in said property in the name of the Board of Trustees of The Ohio State University.

President Enarson requested Vice President Jackson to explain the proposed sale:

Mr. Jackson:

Thank you, Mr. President. We have an offer to sell the Marion Shopping Center which was given to us by Mr. Davis. We have an offer of \$600,000 from the Marion Power Shovel Company, which is a subsidiary of Dresser Industries. Since the time it was given to us, we have invested about \$130,000 in basic improvements in boilers and roofs and the sort. It is a facility which has had some occupancy problems. It is a facility which is some distance from this campus in terms of management and it is the best judgment of our office as well as the Investment Committee, that we attempt to sell this particular investment. There are two contingencies that we will have to follow through, subsequent to your approval, if it is so given. One has to do with a first right of refusal on behalf of one of the tenants, the G. C. Murphy Company, to purchase that portion which their building they occupy is on. That we do not perceive is any hurdle to overcome. The second issue which still is to be resolved is a firm offer to establish a second floor on the G. C. Murphy building at a fixed price, which was a part of the original lease when we received the gift. So that I think that, hopefully, that one can be overcome also. The offer of \$600,000 is good for 120 days and we have full confidence that we can consummate this particular transaction within that length of time and we would wholeheartedly recommend that it be approved so that we can continue to pursue this matter.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

## SALES AGREEMENT

Agreement made as of this                      day of                      , 19                      , by and between the Board of Trustees of The Ohio State University (herein "Trustees") and Marion Power Shovel Division, Dresser Industries, Inc. (herein "Company");

### WITNESSETH:

WHEREAS, the Trustees desire to sell the real estate described on Exhibit A attached hereto (the "Property"); and

WHEREAS, the Company desires to purchase such real estate.

NOW, THEREFORE, in consideration of the terms and conditions hereinafter set forth, it is agreed as follows:

1. Subject to the rights, if any, of G C Murphy Company (herein "Murphy") under that certain lease agreement dated April 3, 1953 (herein "Murphy Agreement") between Murphy and the Trustees, as assignees, and subject to the other conditions herein, the Trustees agree to sell and the Company agrees to purchase the Property at a firm purchase price of Six Hundred Thousand Dollars (\$600,000).

2. Real estate taxes, rentals and assessments on the Property shall be pro-rated to the date of closing. Trustees will pay any conveyance fee on the conveyance of the Property.

3. The closing of the purchase and sale of the Property shall be held within 15 days of the occurrence of the condition precedent to both parties obligations specified in Section 4 below, unless both parties agree in writing to an extension. The closing will be at a time and place mutually acceptable to both parties.

4. Prior to closing, the Trustees will obtain a written release for itself, its successors and assigns of any obligations or duties to Murphy under Paragraph XX (relating to an option to Murphy to cause to be built a second story addition to that portion of the Property leased by Murphy) and Paragraph XXI (relating to a right of first refusal of Murphy to purchase its portion of the Property) of the Murphy Agreement. Trustees will advise Company in writing of the foregoing release and forward therewith the original of such release. In the event that a release of the foregoing obligations or duties to Murphy cannot be obtained within one hundred twenty (120) days of the date hereof, this Agreement shall terminate, provided that, at any time during such period, Company may, by written notice, waive all or any portion of this condition precedent.



## **SALES AGREEMENT (contd)**

5. At closing, Trustees will:
- (a) Convey to Company, or its nominee, by General Warranty Deed, fee simple title in and to the Property free and clear of all liens, encumbrances and charges whatsoever except such as may have been placed thereon by Company; current easements and restrictions of record; real estate taxes and assessments which are not then due and payable; and the following lease agreements of portions of the Property if existing on the date of closing; lease agreement effective December 1, 1979 between Jerry's Fabrics, Inc. and Ohio State University; lease agreement dated January 7, 1975 between East Broad Appliance Co., Inc. and Ohio State University, assignee; lease agreement dated June 1, 1978 between Mrs. James Johnson DBA Black Poodle Ceramics, assignee, and Ohio State University, assignee; lease agreement dated April 3, 1953 between Murphy and Ohio State University, assignee; and lease agreement that may be entered into with Helen Landon for the currently vacant premises known as the "Lerner Premises".
  - (b) Deliver to Company evidence of title showing in Trustees good and marketable title to the Property, in fee simple free and clear of all liens, encumbrances and charges except as set forth herein.
  - (c) Assign to the Company all of Trustees' right, title and interest in and to the leases hereinabove referred to in Sub-section 5(a) and deliver the security deposits for such leases and the records and documents in Trustees' possession which reflect the income and expenses related to same.
  - (d) Provide Company with a certified resolution(s) of Trustees authorizing the sale of the Property according to the terms hereof and authorizing the individual who signs this Agreement, the deed and other closing documents required hereunder to act on behalf of Trustees.
6. At closing, Company will pay the purchase price to Trustees.

## SALES AGREEMENT (contd)

7. As of the date hereof, Trustees have a listing agreement with Chuck Warner and Associates, Inc. ("Warner") which listing agreement provides for a certain commission to be paid to such company in the event that the portion of the Premises known as the "Lerner Premises" is leased by the Trustees. Negotiations are currently underway with Helen Landon with respect to such lease. Should a lease agreement be executed between the Trustees and Mrs. Landon with respect to the "Lerner Premises" prior to closing, Trustees agree, prior to closing to pay or otherwise liquidate the commission due and owing Warner with respect to such lease and discharge any other obligations and liabilities under such agreement. On closing, Company will pay to the Trustees \$4,900 or the amount of commission paid to Warner under such agreement, whichever is lower.

8. Any lease of the Lerner Premises prior to closing must be approved in writing by Company.

9. Risk of loss will remain with the Trustees through closing.

10. Subject to Section 7, both parties represent and warrant to the other that no broker, agent or similar third party has been engaged by it with respect to the Property. This Section 10 shall survive closing.

11. Any notice required or desired to be given to any party shall be in writing and shall be deemed to be given when mailed by United States certified mail, postage pre-paid, as follows:

To Trustees:

Board of Trustees of The Ohio State University  
910 Lincoln Tower  
1800 Cannon Drive  
Columbus, Ohio 43201

Attention: Treasurer

To Company:

Marion Power Shovel Division  
Dresser Industries, Inc.  
617 West Center Street  
Marion, Ohio 43302

Attention: J. W. Williams, Controller

**SALES AGREEMENT (contd)**

Any party may from time to time change the address at which notices are to be mailed by giving the other party notice of such change.

12. All provisions hereof shall be binding upon, inure to the benefit of, and be enforceable by and against the respective successors and assigns of each party hereto.

IN WITNESS WHEREOF, the Trustees and Company have caused this Agreement to be executed by their duly authorized representatives as of the day and year first above written.

Signed and acknowledged in the presence of:

Board of Trustees of  
The Ohio State University

\_\_\_\_\_  
\_\_\_\_\_

By \_\_\_\_\_

Signed and acknowledged in the presence of:

Marion Power Shovel Division  
Dresser Industries, Inc.

\_\_\_\_\_  
\_\_\_\_\_

By \_\_\_\_\_

STATE OF OHIO,

COUNTY OF FRANKLIN, ss:

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of  
1980 by \_\_\_\_\_ on behalf of the Board of Trustees  
of The Ohio State University.

\_\_\_\_\_  
Notary Public

STATE OF OHIO,

COUNTY OF FRANKLIN, ss:

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of  
1980, by John E. Rimbach, President of Marion Power Shovel Division, Dresser Industries,  
Inc., a Delaware Corporation, on behalf of the corporation.

\_\_\_\_\_  
Notary Public

## EXHIBIT A

Situated in the County of Marion, in the State of Ohio, and in the City of Marion, and bounded and described as follows:

Lots Nos. 7, 8, 9, 10, 11, 12 in Bennett and Fisher's Addition and Out-lot immediately adjacent to the West of these lots all of which is now known as the Central Junior High School Grounds located on the North side of West Center Street between Oak Street and Campbell Street and bounded and described as follows:

Beginning at an iron bar at the Southeast corner of said School lot, said bar being at the point of intersection of the North line of Center (82.5) foot Street and the West line of Oak (66 foot) Street; thence North on the West line of said Oak Street Four Hundred Thirty and Thirty-Two Hundredths (430.32) feet to an iron bar at the Northeast corner of said School lot, said iron bar being at the point where the South line of Mill Street produced West intersects the West line of said Oak Street; thence West on the North line of said School lot Three Hundred Twenty-One and Six Tenths (321.6) feet to an iron bar in the East line of Campbell (40 foot) Street, said iron bar being at the Northwest corner of said School lot; thence South on the East line of said Campbell Street, Four Hundred Twenty-Nine and Six Tenths (429.6) feet to an iron bar in the North line of said Center Street, said iron bar being at the Southwest corner of said School lot; thence East on the North line of said Center Street, Three Hundred Twenty-Six and Three Tenths (326.3) feet to the point of beginning and containing Three and Two Tenths (3.2) acres, more or less.

--O--

March 7, 1980 meeting, Board of Trustees

**STUDENT HEALTH INSURANCE - RENEWAL**

Resolution No. 80-93

*Synopsis: Renewal of the Student Health Insurance program with Mutual of Omaha is recommended.*

WHEREAS on March 3, 1978, this Board awarded a two-year contract to Mutual of Omaha (effective Autumn Quarter, 1978) and subsequently renegotiated and awarded on May 4, 1979 a one-year contract (effective Autumn Quarter, 1979) to provide Student Health Insurance; and

WHEREAS after consideration of the desires and concerns of the students who purchase this insurance, the Student Insurance Subcommittee has recommended--and the full Council on Student Affairs has ratified this recommendation--that the renegotiated contract provide additional benefits as follows:

- Include College of Dentistry students in the preventive medicine benefit
- Increase the surgical fee for removal of an impacted tooth from \$40 to \$50; each remaining tooth from \$20 to \$50; and for soft tissue impaction, each tooth from \$20 to \$30
- Include treatment for drug addiction and/or alcoholism
- Include emergency outpatient expense for nervous and mental disorders as now provided for other sicknesses
- Increase the daily semi-private hospital maximum room rate from \$90 to \$100
- Increase the obstetrical expense benefit for miscarriage (including legal abortion) from \$100 to \$150; for normal delivery from \$200 to \$300; and for Cesarean section from \$600 to \$900
- Improve maternity expense, birth coverage and crib coverage from a scheduled benefit to provide benefits as now provided for other sicknesses
- Increase the surgical schedule from \$800 to \$900

WHEREAS the coverage will be available on an optional basis to all registered students at the following premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 38
Student and spouse	102
Student, spouse and all children	148
Student and dependent child or children	84

NOW THEREFORE

BE IT RESOLVED, That Mutual of Omaha be awarded the renegotiated Student Health Insurance contract effective the first day of classes, Autumn Quarter, 1980, for a period of

March 7, 1980 meeting, Board of Trustees

**STUDENT HEALTH INSURANCE - RENEWAL (contd)**

two years. The contract will provide the benefit improvements outlined above as well as those now available under the terms of the current contract.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY  
HEALTH CARE GROUP INSURANCE POLICIES 58175-GTC  
AND 58175-GTC-100**

Resolution No. 80-94

*Synopsis: A new funding arrangement for the group health care insurance underwritten by the John Hancock Mutual Life Insurance Company is proposed.*

WHEREAS the University presently insures certain health care benefits for all regular faculty/staff of the University and their eligible dependents under John Hancock group insurance policies 58175-GTC and 58175-GTC-100; and

WHEREAS John Hancock now has available a new underwriting and funding arrangement (commonly known as Minimum Premium Plan with Return of Reserves) which enables the University to: (a) minimize the money held by the insurance company in reserve; and (b) realize other improvements in the cash flow involved with providing health care benefits; and

WHEREAS the Minimum Premium Plan in no way affects the existing level of benefits or insurance guarantees for faculty and staff and their eligible dependents; and

WHEREAS the appropriate administrative offices of the University, and the benefit consulting firm of William M. Mercer, Incorporated, have reviewed the proposed underwriting and funding arrangement for the John Hancock health care coverage and have recommended it for adoption by the University:

**NOW THEREFORE**

BE IT RESOLVED, That effective March 1, 1980, the University implement the new underwriting and funding arrangement known as the Minimum Premium Plan with Return of Reserves for the health care insurance benefits underwritten by John Hancock Mutual Life Insurance Company under group policies 58175-GTC and 58175-GTC-100; and

BE IT FURTHER RESOLVED, That the President or other officer of the University designated by him be authorized to enter into and sign and attest on behalf of the University: (a) amendments to John Hancock policies 58175-GTC and 58175-GTC-100 which adopt the new underwriting and funding arrangement; and (b) any necessary banking arrangements,

March 7, 1980 meeting, Board of Trustees

**JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY  
HEALTH CARE GROUP INSURANCE POLICIES 58175-GTC  
AND 58175-GTC-100 (contd)**

trust or other documents which need to be established to implement and operate the Minimum Premium Plan with Return of Reserves.

Upon motion of Mr. Havens, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

**PRESENTATION OF HISTORICAL REPORT  
*OSU CAMPUS BUILDINGS***

Resolution 80-95

President Enarson:

Under Reports, you do have in your books a formal resolution which expresses the gratitude of all of us, but most particularly of the Board of Trustees, to Dr. John Herrick, Executive Director Emeritus of the Office of Campus Planning and Space Utilization, for the incredible amount of work that he has done over a period of years in recording the history of Ohio State University's physical developments. The formal resolution is here and will be before you for action. Before I ask for the vote on that, I'd like to add my own words to those most eloquently set forth this morning by Bill Vandament. Incidentally, I hope--I'd like to ask that Dr. Vandament's introduction of John be included in the action or the minutes of this Board.

From time to time your President does have a certain frustration as he tries to explain to the waiting world what a University is all about and one is reminded constantly not only of how complex this University is, but how interdependent it is. It's fashionable to always talk about how the faculty is the heart and the core and the lifeblood, and indeed they are, but the faculty could not function in the absence of support staff. Incidentally, the word 'support' staff is about as tired and trite and undramatic and sorry way of describing the important work that people can do that one can imagine.

As an aside (before I say some more nice things about John), this University is doing something new and different in its next Commencement exercise on March 20. Don't ask me why we haven't thought of it before. I thought of it three years ago, but it took a little time to persuade my colleagues to do it. But at Commencement we will have, in addition to representatives of the faculty, representatives of all of the many office operations from all around the campus, all the people who make this place tick.

I am sorry that not everyone was here this morning to hear John Herrick's presentation but one could not listen to his presentation without being deeply moved at simply an enormous labor of love, John, that you've done. The volumes that you

March 7, 1980 meeting, Board of Trustees

**PRESENTATION OF HISTORICAL REPORT**  
*OSU CAMPUS BUILDINGS (contd)*

President Enarson: (contd)

see over here are literally a treasure house of information. We have a record here that is illuminating in so many ways of the history of this institution, and I would say without fear of contradiction that this couldn't have been done without the aid, comfort and support of Mabel Herrick, this lovely lady who is sitting here with John. So it's with a very deep sense of gratitude, Mr. and Mrs. Herrick, that I formally present for action by this Board this resolution honoring you for the work you have done in behalf of this University.

*Synopsis: OSU Campus Buildings by Executive Director Emeritus, Office of Campus Planning and Space Utilization, is presented for acceptance by the Board.*

WHEREAS The Ohio State University is a valuable resource that has been created by the State of Ohio to provide educational, research, and public services to its citizens; and

WHEREAS the citizens of Ohio have made a great investment in the physical facilities of OSU; and

WHEREAS Dr. John Herrick, Executive Director Emeritus, Office of Campus Planning and Space Utilization, has generously donated his time and expertise to recording the history of OSU's physical development for the enlightenment of present and future generations of OSU students, staff, and supporters:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees accepts the Report--*OSU Campus Buildings*--prepared by Dr. John H. Herrick; and

BE IT FURTHER RESOLVED, That the Board commends Dr. Herrick for his significant work and expresses its appreciation for this contribution of lasting value to the University.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

In accordance with President Enarson's request, the following is a copy of Dr. William Vandament's introduction of Dr. Herrick at the Educational Affairs Committee meeting held Friday, March 7, 1980, at 10:00 a.m.

Dr. Vandament:

Dr. John Herrick is known to many of you. He is Executive Director of Campus Planning Emeritus and is with us today for the purpose of making a presentation and to tell us briefly about a major historical research project he has just completed.



March 7, 1980 meeting, Board of Trustees

**PRESENTATION OF HISTORICAL REPORT**  
*OSU CAMPUS BUILDINGS (contd)*

Dr. Vandament: (contd)

Before he does that, I want to tell you just a bit about him. He is truly an unusual person from several standpoints.

He is unusual in his long association with this University extending back over 55 years--and that's half the life of Ohio State!

He first came to this campus in 1925 as a student. He holds three degrees from OSU. He continued his association as an alumnus. In 1947 he returned to the campus as a faculty member and remained in teaching or administrative roles until he retired in 1972.

From 1956 to 1967 he served as Executive Director of Campus Planning and was a member of the President's Cabinet. And it was during those years that he directed the development of the campus master plan which has guided this University through its decades of greatest growth.

Dr. Herrick is also unusual in his devotion to Ohio State as you will soon understand. What he has done is to research and write the history of every building that has ever existed on this University campus.

This monumental project spanned more than 10 years. It took an estimated 5,500 hours. It involved driving some 19,000 miles searching for information--all at his own expense. This has been a labor of love as well as a scholarly journey. It could not have been undertaken and successfully completed by anyone else.

And the result is a five-volume work to be presented to the Trustees today for permanent retention in the University Archives. Copies are also being made available to the Library and other appropriate offices.

Too often important stories in the life-history of a university go unrecorded and are lost forever. But thanks to Dr. Herrick, the physical history of this University has been expertly preserved. We are deeply grateful for the unique and lasting contribution he has made to the annals of Ohio State University.

I am pleased to present Dr. John Herrick and to invite him to tell you a bit about this project.

--o--

**BUDGET GUIDELINES FOR 1980-81**

President Enarson:

The only other thing I would say is that the Fiscal Affairs Committee did listen with considerable patience to a presentation which we made this morning with

March 7, 1980 meeting, Board of Trustees

### **OSU BUDGET GUIDELINES FOR 1980-81 (contd)**

President Enarson: (contd)

respect to our plans for compensation policy for the upcoming year and we will proceed to issue guidelines so that we can get the necessary work done and as we indicated this morning, of course we will be bringing to you in June as we always do the budget for the--the entire budget which will include, of course, all necessary action with respect to income requirements as well as expenditure requirements. I don't think I have anything else, Madam Chairman.

--O--

### **REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 80-96

RESOLVED, That the report on the University's Investment Portfolio, dated February 15, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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### **APPOINTMENTS TO COMMITTEE/BOARD**

Mrs. James announced the following appointments:

The Ohio State University Research Foundation Board  
John D. Jacob  
(through June 30, 1980)

Nominating Committee

D. James Hilliker, Chairman  
John F. Havens  
John D. Jacob

--O--

### **ANNOUNCEMENT**

Mrs. James announced the meeting of the National Conference on Trusteeship to be held in Washington, D. C., April 13-15, 1980.

--O--

March 7, 1980 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 4, 1980, at The Ohio State University Newark Campus, Newark, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 20, 1980



## Commencement Speaker

Barbara Uehling became chancellor and professor of psychology at the University of Missouri-Columbia in 1978. In this capacity, she leads the largest campus of a four-campus system.

A graduate of Wichita State University who holds M.A. and Ph.D. degrees in experimental psychology from Northwestern University, Dr. Uehling came to Missouri from the University of Oklahoma, where she had served as provost since 1976. Prior to her tenure at Oklahoma, Dr. Uehling held positions as dean of arts and science at Illinois State University, academic dean of Roger Williams College in Rhode Island, and faculty member at Oglethorpe and Emory Universities in Georgia.

Dr. Uehling is past president and a member of the board of directors of the American Association for Higher Education. Recently she was chosen as one of six elected members of the board of directors for the American Council on Education. In 1978, *Change* magazine, a publication of the Council on Learning, acknowledged Dr. Uehling's leadership in education by naming her one of the "100 Young Leaders of the Academy."

## Recipients of Honors

### Serge Chermayeff Doctor of Humanities

During more than 50 years, the achievements of renowned architect and teacher Serge Chermayeff have earned the recognition and esteem of design professionals throughout the world. With steadfast concern for people and sensitivity to their surroundings, he developed principles of environmental design that reflect the needs of the individual as well as those of society. Today the front ranks of architecture and design are filled with those who have been touched by his work, eloquent testimony to the enduring influence of his distinguished career.

### Barbara Uehling Doctor of Laws

From professor to dean to provost to chancellor, Barbara Uehling's rapid rise through the ranks of higher education testifies to her energy, determination, and competence. As head of the University of Missouri at Columbia, she is acknowledged as one of the nation's leading educators. Her keen grasp of the central mission of the university is coupled with the capacity to make difficult and unpopular decisions. Her selection as one of the "100 Young Leaders of the Academy" bespeaks the record and promise of excellence in education for which we honor her today.

# Graduate School

Dean: Jules B. LaPidus

## Doctor of Musical Arts

Edwina Patricia Hopkins, Monroe, La.; B.M. (University of Cincinnati); M.M. (Northeast Louisiana University); *Music*; Dr. Sylvia Anne Zuremba

Monica Johanna Umstaedt, Cleveland; B.A. (Baldwin-Wallace College); M.M.; *Music*; Dr. Gordon J. Wilson

## Doctor of Philosophy

Salah Eldeen Elsadek Abdelaal, Cairo, Egypt; B.P.C., Diploma (Faculty of Applied Arts); *Education*; Dr. I. Keith Tyler

James Joseph Ahern, Jr., North Olmsted; B.A. (Roanoke College); M.A.; *History*; Dr. John A. M. Rothney

Mohammad Taghi Arbaban-Ghafari, Tehran, Iran; B.S. (Pahlavi University); M.S. (Iowa State University); *Dairy Science*; Dr. Thomas M. Ludwick

Ronald David Bachman, Alexandria, Va.; A.B. (University of Nebraska); M.A.; *Slavic and East European Languages and Literatures*; Dr. Kenneth E. Naglor

Stephen Austin Barr, Westerville; B.S., M.S. (Wright State University); *Physical Education*; Dr. Edward L. Fox

Dallas Sanford Batten, Newark; B.A. (University of Richmond); M.A.; *Economics*; Dr. Edward J. Ray

Bruce Alan Berger, Cleveland; B.S., M.S.; *Pharmacy*; Dr. T. Donald Rucker

Charles Alvin Berry, Columbus; B.A. (California State College, Long Beach); M.A.; *Psychology*; Dr. Lyle D. Schmidt

Suzanne Taylor Berry, Columbus; B.S. (New Mexico State University); M.A. (California State College, Long Beach); *Home Economics*; Dr. Jean D. Diekerscheid

Jose Valdeci Biserra, Fortaleza, Brazil; Diploma of Engineer Agronomo (Universidade Federal do Ceara, Fortaleza); M.S.; (Universidade de Sao Paulo, Peracica); *Agricultural Economics and Rural Sociology*; Dr. Francis E. Walker

Robert Len Boucher, Columbus; B.S. (Mankato State College); M.S. (Illinois State University); *Physical Education*; Dr. Barbara A. Nelson

Stuart Ira Bretschneider, Columbus; B.A. (Allegheny College); M.P.A., M.A.; *Public Administration*; Dr. Robert Carbone

Joseph Henry Bylinski, Columbus; B.A. (College of the Holy Cross); M.B.A. (Northeastern University); *Accounting*; Dr. John K. Shank

Orest Cap, Montreal, Canada; Teaching Certificate (Ecole Normale Ville Marie); M.Ed. (Rutgers University); *Education*; Dr. Aaron J. Miller

David Harlan Chenoweth, Huntington, Ind.; B.S., M.A. (Ball State University); *Health (Physical) Education*; Dr. Robert Kaplan

Joshua Chorowsky, Columbus; Dip. Heb. Tea, B. Rel. Ed. (Yeshiva University); M.A. (Columbia University); *Education*; Dr. Philip L. Smith

Paula Kunkel Compton, Zanesville; B.S. (Miami University); M.A.; *Education*; Dr. Louise H. Wagstaff

Candace Robin Cotton, North Bellmore, N. Y.; B.A. (State University of New York, Buffalo); M.A.; *Psychology*; Dr. Malcolm M. Helper

Michael Rudolf Czinkota, Columbus; Vordiplom (Universitat Erlangen); M.B.A.; *Business Administration*; Dr. Bernard J. LaLonde

Kenneth Robert Demarest, Easton, Pa.; B.S. (John Brown University); M.S.; *Electrical Engineering*; Dr. John G. Mendors

William James Dixon, Warren, Pa.; A.B. (Bucknell University); M.A.; *Political Science*; Dr. Charles F. Hermann

Nancy Jane Dorman, Canton; B.S. (Bowling Green State University); *Physiological Chemistry*; Dr. Rao V. Paganamala

Michael Alan Duffy, Westerville; B.S.M.E. (Tufts University); M.S. (Massachusetts Institute of Technology); M.S. (Northeastern University); *Industrial and Systems Engineering*; Dr. Gordon M. Clark

Alan Dunlap Edgar, Columbus; B.A. (Ohio Wesleyan University); *Physiological Chemistry*; Dr. Lloyd A. Horvack

Yoshimi Egawa, Tokyo, Japan; B.S. (Tokyo University); M.S.; *Mathematics*; Dr. Koichiro Harada

Kamil Eren, Istanbul, Turkey; B.D., Higher Engineer (State Academy Engineering and Architecture, Istanbul); *Geodetic Science*; Dr. Richard H. Rapp

Carolyn Mary Evans, New Hartford, N. Y.; B.S. Com. M.S. (State University of New York, Albany); *Education*; Dr. William D. Dowling

Daryl Liebert Faustini, Columbus; B.A., M.S. (California State College); *Entomology*; Dr. Charles A. Triplehorn

Jan David Feder, Columbus; B.S.E.P.; *Physics*; Dr. David O. Edwards

Suguru Furuichi, Tokyo, Japan; B.A. (Waseda University); M.P.E. (Juntendo University); *Physical Education*; Dr. Robert L. Bartels and Dr. Donald D. Harper

Satish Yashwant Gabhe, Nagpur, India; B.Pharm., M.Pharm. (Nagpur University); *Pharmacy*; Dr. Neil J. Lewis

Gerald Arthur Gochenour, Springfield; B.S., M.A.; *Education*; Dr. John C. Bolland

Aravamudan Srinivasa Gopalan, Hyderabad, India; B.S., M.S. (University of Madras); *Chemistry*; Dr. Philip D. Magnus

Kenneth Alan Gordon, Morris, Minn.; B.S.Ed. (Kent State University); A.M. (University of Michigan); *Romance Languages and Literatures*; Dr. Charles G. S. Williams

Milford Bennett Green, Columbus; B.A., M.A.; *Geography*; Dr. R. Keith Semple

Ronald Milton Grosh, Cedarville; B.A. (Cedarville College); M.A.T. (Kent State University); *English*; Dr. Thomas M. Woodson

John George Gutting, Cincinnati; B.S., M.A. (Xavier University); M.S. (University of Cincinnati); *Theatre*; Dr. Donald R. Glancy

Conly L. Hansen, Columbus; B.S., M.E. (Utah State University); *Agricultural Engineering*; Dr. Richard K. White

Karen Lois Haswell, Louisville, Ky.; B.S. (Centre College of Kentucky); M.A.; *Psychology*; Dr. Charles Wenar

Beth Marie Henschen, Bowling Green; B.A. (Ashland College); M.A.; *Political Science*; Dr. Lawrence A. Baum

Larry Wayne Hertel, Celina; B.S. (Manchester College); M.S. (Central Michigan University); *Chemistry*; Dr. Leo A. Paquette

Linda Cook Hickman, Palo Alto, Calif.; A.B., A.M. (Stanford University); *Education*; Dr. Donald P. Sanders

John Roger Hinton, Westerville; B.S. (East Stroudsburg State College); M.A.; *Education*; Dr. Harold C. Trimble

Virginia Harris Holsinger, Philadelphia, Pa.; B.S. (College of William and Mary); *Food Science and Nutrition*; Dr. Paul M. T. Hansen

George Charter Jackson, Plymouth, Mich.; B.S., M.B.A. (Michigan State University); *Business Administration*; Dr. Bernard J. LaLonde

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## Master of Accounting

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## Master of Applied Statistics

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## Master of Arts

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- Kevin Neal Bott; B.S.; *Business Administration*
- Timothy A. Bourdiss; B.A. (University of Pittsburgh at Johnstown); *Public Administration*
- Rebecca Jane Boyd, Bluefield, W. Va.; B.S. (Bluefield State College); *Education*
- Elaine Harris Bradley, Hollansburg; B.S. (Miami University); *Education*
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- Doris L. Cavin, Columbus; B.S. (Case Western Reserve University); *Education*
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- Stephen M. Lundregan, Middletown, Md.; B.A.; *Business Administration*

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Yoichi Oato, Tokyo, Japan; B.A. (Seikai  
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Ronald G. Tonjes, Pickerington;  
B.S.E.E. (Purdue University);  
*Business Administration*

Cesare Peter Turrin, Schenectady, N. Y.;  
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James E. Walls, Arlington, Va.;  
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Edward L. Wristen, Springfield;  
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*Business Administration*

## Master of City and Regional Planning

Nelson Chia-Chi Ho, Taipei, Taiwan,  
R.O.C.; B.Laws (National Cheng-Chi  
University); M.A. (Wichita State  
University); *City and Regional Planning*

Alireza Rabbani-Esfahani, Iran; B.S.  
(College of Planning and Computer  
Application); *City and Regional Planning*

Thomas Allen Schock, Columbus; B.S.  
(Miami University); *City and Regional  
Planning*

## Master of Fine Arts

Kathie Anne Van Winkle Clark, Norman,  
Okla.; B.F.A. (University of Oklahoma);  
*Theatre*

Kevin Scott Regan, Bexley; B.A. (Morehead  
State University); *Art*

Julie Karen Siegel, West Hempstead, N. Y.;  
B.F.A. (Alfred University); *Art*

## Master of Labor and Human Resources

Julian Paul Sanchez, Albuquerque, N. Mex.;  
B.A. (University of New Mexico);  
*Labor and Human Resources*

## Master of Music

Carol Wilkinson Notestine, Columbus;  
B.Mus.Ed.; *Music*

James Lawrence Turk, Columbus;  
B.Mus.; *Music*

## Master of Public Administration

Carol A. Bartholomew, Columbus; B.A.;  
*Public Administration*

Kay Fukuda, Waipahu, Hawaii;  
B.A.; *Public Administration*

Louis Alan Isakoff, Cleveland Heights;  
A.B. (Miami University); *Public  
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Susan Kay Seibel, Columbus;  
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## Master of Science

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University and A. & M. College);  
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Engineering*

Seokyo Ahn, Seoul, Korea; B.S. (Seoul  
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Systems Engineering*

Joseph Abayomi Ajayi-Majebi, Iyamoye,  
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*Civil Engineering*

John Alan Aldrich, Lagrange; B.S.;  
*Civil Engineering*

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B.A. (Central Connecticut State  
University); *Chemistry*

Wiguo Chiou, Taiwan, R.O.C.; B.S. in  
Agriculture (National Taiwan University);  
*Mechanical Engineering*

James Norman Chmura, Columbus; B.A.  
(Thiel College); *Food Science and  
Nutrition*

Hsin-Hsien Chung, Taiwan, R.O.C.;  
B.S.E.E. (Tatung Institute of Technology);  
*Electrical Engineering*

Robert Charles Cochran, Columbus;  
*Animal Science*

Earl Edwin Conaway, Jr., Columbus;  
B.S. (Bowling Green State University);  
*Plant Pathology*

Kevin David Cummings, Columbus; B.S.;  
*Physics*

Robert Donald Dahlhausen, Parma; B.S.;  
*Animal Science*

Thomas John Daniels, West Orange, N. J.;  
B.S. (Seton Hall University); *Zoology*

Norma K. Dansby, Akron; B.S.;  
*Allied Medical Professions*

Daryl E. David, Syracuse, N. Y.;  
B.S.Agr.; *Agricultural Education*

Douglas W. David, Cleveland;  
B.S.Agr.; *Animal Science*

- Steven Alan Davidson, Fairborn; B.S.E.E. (Illinois Institute of Technology); M.B.A. (University of Illinois); *Electrical Engineering*
- Mary Alice Desiderio, Columbus; B.S. (Florida State University); *Physiology*
- Arvind Inacio D'Souza, Bombay, India; B.S., M.S. (University of Bombay); *Physics*
- Kathleen Marie Dwyer, Monroeville, Pa.; B.A. (Ohio Dominican College); *Allied Medical Professions*
- Pamela Kay Eckstein, New Washington; B.S.Nurs.; *Home Economics*
- Hassan Elgassier, Misurata, Libya; B.S. (University of Tripoli); *Agronomy*
- Ali Ahmad Mohamad Elian, Amman, Jordan; B.Sc. (American University at Cairo); *Civil Engineering*
- Dennis Lee Elliott, Columbus; B.S. (Muskingum College); *Agricultural Education*
- Errol Keith English, Monroe, N. C.; B.S.E.E. (North Carolina State University); *Electrical Engineering*
- Thomas Alan Gentry, Springfield; B.S.M.E.; *Mechanical Engineering*
- Gianfranco Gerosa, Barranquilla, Colombia; B.E.E. (Georgia Institute of Technology); *Electrical Engineering*
- Bruce Stuart Gillies, Rochester, N. Y.; B.A. (Ithaca College); *Chemistry*
- Michael John Glorioso, Amherst; B.S.; *Entomology*
- Man-Yeki Goh, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Mathematics*
- Stuart Lee Greenberger, Columbus; B.S., M.S.; *Civil Engineering*
- Michael Lee Grilliot, Troy; B.S. (Muskingum College); *Anatomy*
- Danny R. Grooms, West Union; B.S. (Wilmington College); *Agricultural Education*
- Robert Mikhael Hadaya, Beirut, Lebanon; B.S. (University of Dayton); *Electrical Engineering*
- Jeffrey J. Haidet, Alliance; B.S. (Case Western Reserve University); *Computer and Information Science*
- Christopher James Hamann, Monona, Ia.; B.B.A. (University of Iowa); *Computer and Information Science*
- Joseph Heywood Harrison, Mt. Vernon; B.S.; *Dairy Science*
- Thomas Joseph Harrison, Columbus; B.S.; *Plant Pathology*
- Arlyn Judson Heinrichs, Swan Lake, N. Y.; B.S. (Cornell University); *Dairy Science*
- Lee Webb Henderson, Columbus; B.S.; *Electrical Engineering*
- John Joseph Henry, Columbus; B.S.; *Natural Resources*
- Thomas William Hobbs, Kokomo, Ind.; B.S. (University of Miami); *Plant Pathology*
- Susan Marie Hodges, Columbus; B.S. in Nursing (University of Kentucky); *Nursing*
- Kathy Lynn Hohenbrink, Kalida; B.S. (Bowling Green State University); *Home Economics*
- Landa Hoke, Louisville, Ky.; B.S., M.S. (Wright State University); *Physics*
- Ching-Chao Huang, Tainan, Taiwan, R.O.C.; B.S. in Engr. (National Taiwan University); *Electrical Engineering*
- Douglas Kent Hutchinson, Indianapolis, Ind.; B.S. (Rose-Hulman Institute of Technology); *Chemistry*
- Yul J. Inn, San Mateo, Cal.; B.S. (University of California at Riverside); *Mathematics*
- Lynn Beth Jacobson, Marion; B.S. (Florida International University); *Home Economics*
- Vinod Kanwal, Columbus; B.S. (University of Delhi); M.S. (Kurukshetra University); M.S.; *Computer and Information Science*
- James N. Karuiri, Ndathi Village, Kenya; B.S. (University of Nairobi); *Civil Engineering*
- Abdollah Katbab, Shiraz, Iran; B.S. (Pahlavi University); *Electrical Engineering*
- Marc Kirschenbaum, South Euclid; B.A. (University of Cincinnati); M.S.; *Computer and Information Science*
- Myungsok Klassen, Seoul, Korea; B.S. (Sogang University); M.S. (Kansas State University); *Computer and Information Science*
- Robert Raymond Koehler, Brodheadsville, Pa.; B.S. (Moravian College); *Metallurgical Engineering*
- Dah-Yang Kuan, Taiwan, R.O.C.; B.S. (National Central University); M.A. (University of South Florida); *Computer and Information Science*
- Betty A. Kulich, Orient; B.S.H.E.; *Home Economics*
- Thomas Rein Laaman, Buffalo, N. Y.; B.S. (Cornell University); *Food Science and Nutrition*
- Dale Lawrence Laux, Upper Arlington; B.S. (Heidelberg College); *Developmental Biology*
- Mark G. Lewis, Columbus; B.A. (Ohio Wesleyan University); *Microbiology*
- Michael Jay Lichtensteiger, Ohio City; B.S.; *Agricultural Engineering*
- Der Chia Lin, Taipei, Taiwan, R.O.C.; B.E.D. (National Taiwan Normal University); M.S. (University of Illinois); *Engineering Mechanics*
- Shou-Ming Liu, Taipei, Taiwan, R.O.C.; B.S. (Taipei Medical College); *Preventive Medicine*
- David William Loeb, Columbus; B.A. (Kenyon College); *Chemistry*
- Carole P. London, New York City, N. Y.; B.S. (Simmons College); *Home Economics*
- Molly Longstreth, Columbus; B.S. (Ohio University); *Home Economics*
- Catherine Sue Lustgarten, Chesterton, Ind.; D.V.M. (Purdue University); *Veterinary Clinical Sciences*
- Pamela Jean Mack, Edinboro, Pa.; B.S. (Indiana University of Pennsylvania); *Home Economics*
- Sharon J. Manning, Galion; B.S. (Ohio University); *Home Economics*
- Elizabethann Marshdoyle, Staten Island, N. Y.; B.A. (Marist College); *Natural Resources*
- Mary F. Martin, Mt. Gilead; B.S.; *Agricultural Education*
- Steven Anthony Martin, Beavercreek; B.S.M.E.; *Mechanical Engineering*
- Lawrence Harry Matt, Pepper Pike; B.A. (Miami University); M.S. (Case Western Reserve University); *Pharmacology*
- Peter Wilbur Maurath, Springfield, Ill.; B.A. (Southern Illinois University); *Computer and Information Science*
- Laurence Paul Mayer, Columbus; B.S.; *Zoology*
- Mary Josephine McElroy, Columbus; B.S.N. (Kent State University); *Nursing*
- David G. McLaine, Tipp City; B.S.E.E. (University of Texas at Arlington); *Electrical Engineering*
- Daniel G. McLean, Southport, Ind.; B.A. (Olivet Nazarene College); *Physics*
- Diane Meisman, New Richmond; B.S. (Edgecliff College); *Home Economics*
- Hrushikesh Narhar Mhaskar, Nagpur, India; B.Sc. (Nagpur University); M.Sc. (Indian Institute of Technology); M.S.; *Computer and Information Science*
- Elizabeth Ann Moulton, Orono, Me.; B.S.; *Animal Science*
- Dawood S. Muhammad, Khartoum, The Sudan; Diploma (Khartoum Polytechnic Institute); B.S.C. (Northeast London Polytechnic Institute); *Geodetic Science*
- David Arthur Nelson, Columbus; B.S.E. (Duke University); *Biomedical Engineering*
- Eric Bronson Nelson, Troy; B.A. (Indiana University); *Plant Pathology*
- Richard Gerard Nelson, Staten Island, New York, N. Y.; B.S. (Clarkson College of Technology); *Civil Engineering*
- Cherie Olsen, Salt Lake City, Ut.; B.S.; *Zoology*
- Ruth M. Paine, Beallsville; A.B. (Muskingum College); *Agricultural Education*
- Patrice T. Pelton, Reynoldsburg; B.S. (Purdue University); *Home Economics*

- Michael Harold Peters, Dayton; B.S.Ch.E. (University of Dayton); *Chemical Engineering*
- Joseph Petrarca, Jr., Girard; B.E. (Youngstown State University); *Chemical Engineering*
- Robert L. Platt, Freehold, N. J.; B.A. (Rutgers College); *Computer and Information Science*
- Susan R. Raftery, Norwalk; B.A.; *Agricultural Economics and Rural Sociology*
- Budi Rahardjo, Yogyakarta, Indonesia; "Insinyur" (Universitas Gadjah Mada); *Agricultural Engineering*
- Robert Dale Reid, Youngstown; B.A.; *Allied Medical Professions*
- Ralph Clifton Rhye, Rockingham, N. C.; B.S. (United States Air Force Academy); *Civil Engineering*
- Terry Lee Ricer, Beallsville; B.S.C.E.; *Civil Engineering*
- Robert J. Risner, Sylvania; B.S.; *Microbiology*
- David L. Roer, Mountindale, N. Y.; B.S. (State University of New York at Binghamton); *Genetics*
- Vickie L. Rogers, Columbus; B.S. (Indiana University); *Allied Medical Professions*
- Abu Bakar Bin Salleh, Tanjong Karang, Malaysia; Diploma (Universiti Pertanian); B.S. (Louisiana State University); *Entomology*
- Judith Delane Salley, Orangeburg, S. C.; B.S. (South Carolina State College); *Zoology*
- Douglas Grant Sanderson, Tooele, Ut.; B.A. (University of Utah); *Chemistry*
- Semur P. Sathi, Erode, India; B.E. (University of Mysore); *Welding Engineering*
- Mark Richard Schrote, Marion; B.S.E.E.; *Electrical Engineering*
- Joseph Rene Scoresby, Idaho Falls, Id.; B.S. (Brigham Young University); *Agronomy*
- Pankaj P. Shah, Bombay, India; B.S. (Bombay University); *Chemical Engineering*
- LakshmiPati Sharma, New Delhi, India; B.E. (College of Military Engineering); *Geodetic Science*
- Ko-Jen Shih, Taipei, Taiwan, R.O.C.; B.S. (National Chiao Tung University); M.B.A. (University of Georgia); *Computer and Information Science*
- Phyllis Elizabeth Pound Singer, Columbus; B.S. (Michigan State University); *Mathematics*
- Peter Charles Siska, Independence; B.S.W.E.; *Welding Engineering*
- Mark G. Smith, Huntington, W. Va.; B.S. (Marshall University); *Food Science and Nutrition*
- Robert Tallmadge Smith, Zanesville; B.S.E.E. (University of Cincinnati); *Electrical Engineering*
- \*Richard Fields Stafford, Maumee; B.S.E.E.; *Bio-Medical Engineering*  
\* Posthumously
- Terry Lee Stamper, Mansfield; B.S.; *Agricultural Engineering*
- Douglas R. Stinson, Guelph, Ontario, Canada; B.S. (University of Waterloo); *Mathematics*
- James Frank Stosic, North Canton; B.S.E.E. (University of Cincinnati); *Electrical Engineering*
- Charles LeFevre Strickland, New Hartford, N. Y.; B.S. (State University College at Geneseo); *Agronomy*
- Fu Sheng Sun, Taichung, Taiwan, R.O.C.; B.S. (Chung Cheng Institute of Technology); *Geodetic Science*
- Syed Hussein B. Syed Abdullah, Johor Bahru, Johor, West Malaysia; Diploma (University of Agriculture in Malaysia); B.S. (Louisiana State University); *Poultry Science*
- Yoothapol Tangthongkul, Bangkok, Thailand; Bach. of Eng. (Chulalongkorn University); *Electrical Engineering*
- Chang-Yung T. Tung, Taipei, Taiwan, R.O.C.; B.S. (National Central University); M.S.; *Computer and Information Science*
- Brenda Cook Uhl, St. Paris; B.S.; *Home Economics*
- Jeffrey Scott Warren, West Lafayette; A.B. (Miami University); *Microbiology*
- Michael David Whitacre, Xenia; B.S., D.V.M.; *Veterinary Clinical Sciences*
- Jeffrey Douglas White, Worthington; B.S.M.E.; *Nuclear Engineering*
- Dennis R. Williams, Louisville, Tenn.; B.S.C.E. (University of Tennessee); *Civil Engineering*
- Laura Sue Williams, West Union, W. Va.; B.S.N. (West Virginia University); *Nursing*
- James Orr Wolk, Columbus; B.S. in Agr. (University of Missouri); *Horticulture*
- Michael Charles Worthy, Salem, N. H.; B.S.C.E.; *Civil Engineering*
- Edward J. Wright, Homer, N. Y.; B.S. (State University College of Forestry at Syracuse University); *Geodetic Science*
- Salmah Bt Yusof, Malaysia; Diploma (College of Agriculture); *Horticulture*
- François M. Zayek, Lebanon; B.S. (University of Dayton); *Electrical Engineering*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:  
Diether H. Haenicke

Vice Provost for the Arts and Sciences:  
Thomas A. Willke

The Colleges of the Arts and Sciences,  
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematical and  
Physical Sciences

College of Social and  
Behavioral Sciences

## College of the Arts

Dean: Andrew J. Broekema

### Bachelor of Arts

Hassan-Ali Afshar Bakeshloo, Columbus  
Diana Kay Denman, Worthington  
John Michael Fries, Cincinnati  
Nan Kapernaros, Worthington  
David Raoul LaChance, Galion  
Curtis Conrad Retter, Columbus  
Eugene Edward Salvatori, Cleveland  
Patricia C. Sanderson, Columbus

### Bachelor of Fine Arts

Gregory Kent Ackers, Columbus  
Michael Erwin Baker, Cleveland  
Richard Charles Beck, Columbus, B.S.Ed.  
Leslie Lannette Becker, Stone Mountain, Ga.  
Cheryl Ann Cavlovic, Hudson  
Dan Chafetz, Columbus  
Colin Sue Charles, Columbus, B.A.E.  
Darlene Sue Cobb, Columbus  
Paul Franklin Crum, Newark  
Diane Carol Debevec, Novelty  
Robert William Frampton, Columbus  
Steven Scott Lowe, Columbus  
Kurt Michael Lowry, Columbus  
Dwayne Louis MacDonald, Cridersville  
Elena Citlali Parres-McMillen,  
Mexico City, Mexico  
Susan Chandler Spalding, Columbus

### Bachelor of Music

Michael Allen McReynolds,  
Webster Groves, Mo.

### Bachelor of Art Education<sup>1</sup>

LuAnne Crouch, Granville  
Mary Alice Ford, Washington C. H.  
Pamela Sue Willett, Columbus  
Lawrence Jon Wolkan, Alliance

### Bachelor of Music Education<sup>1</sup>

Carole Cassell Lewis, Hilliard  
Walter Dean Sampson, Dublin

### Bachelor of Science in Audio Recording

William George Sotos, Columbus

### Bachelor of Science in Industrial Design

James Stephen Hughes, Columbus, B.A.  
Janice Lee Millikan, Columbus

## College of Biological Sciences

Dean: Patrick R. Dugan

### Bachelor of Science

Wendy Anne Artzt, Cincinnati  
Kenneth Ross Barlett, Streetsboro  
Timothy M. Bartish, Painesville  
Douglas S. Beil, Youngstown  
Valerie Elaine Bell, Columbus  
Gregory Burch Benner, Columbus  
Gregory Alan Blythe, Delphos  
Paul Tway Brown, Sugar Grove  
Lee Byerly, Carroll  
Ann C. Collinger, Columbus  
John Frederick Cooper, Columbus  
R. Michael Crone, Circleville  
Beth Jodi Diamond, Mayfield Heights  
Charles R. Doarn, Jr., Toledo  
William Roscoe Dorsey, Franklin  
Gregory Thomas Droba, Warren  
June Clarice Engle, Columbus  
Edward Feerman, Lyndhurst  
Kennard Chandler Ford, Twinsburg  
Bruce Furukawa, Parma  
Elizabeth Ann Gecowets, Westerville  
Heasam Adnan Halasa, Akron  
Russell Wayne Harcha, Jr., Columbus  
Kathryn Louise Hettel, Oberlin  
Timothy Glenn Hiltbrunner, Columbus  
Teresa K. Huff, Columbus  
Harold Dennis Jewett, Van Wert  
Jeffrey Lynn Kearfott, London  
Mary Teresa Kinney, Ironton  
Richard Robert Kosydar, Columbus  
William F. Krumbholz, Dayton  
Darold Robert Lance, Jr., Columbus  
Marc Elliot Ludwick, Columbus  
Gregory Wayne Miller, Lexington  
John Thomas Minot, Delaware  
Susan Elizabeth Mosely, Cuyahoga Falls  
Michael Lawrence Mucenski,  
Syracuse, N. Y.  
Michael Joseph Murray, Columbus  
Joseph Timothy Newsome, Youngstown  
James Cecil Phillips, Plain City  
Charles Riley Rauck, Grove City  
Audrey Ann Rush, Granville  
Ralph Craig Saunders, Akron  
Patricia A. Scanlon, Newark  
Thomas William Snyder, Willoughby  
John T. Stropki, Cambridge

Edward Michael Toth, Columbus  
Derek Brett Wagner, Euclid  
Allan Wentt, Jr., Columbus  
Karen Ann Winters, Columbus  
John J. Wukie, Columbus

## College of Humanities

Dean: Diether H. Haenicke

### Bachelor of Arts

Mark Allan Bender, East Sparta  
Ellen Ursula Berry, Columbus  
Carla Schuler Bowlin, New York, N. Y.  
Thomas Allen Brethauer, Columbus  
James E. Brobst, Columbus  
Charles William Bunstine, Columbus  
Mica Durand, Brooklyn, N. Y.  
Toby Ross Eleff, Beachwood  
Marilyn S. Fought, Fostoria  
Philip Paul Geiger, Norwalk  
Karen Lee Gilbert, Columbus  
Karen Sue Noland Giles, Marion  
Larry C. Greathouse, Columbus  
Becky L. Hartman, Toledo  
Jean Marie Hellwege, Dublin  
Terence Lee Hollern, Columbus  
Jay Scott Hollinger, Huntington, W. Va.  
Nan P. Isenberg, Dayton  
Betheny Kip Jones, Gahanna  
Valencia Kaye Jones, Milwaukee, Wis.  
Paula Manheim, Cherry Hill, N. J.  
Bradley Mercer Maple, Columbus  
Deborah Sue Marks, Columbus  
Mary Alice Mickol, Cleveland  
James Clayton Montgomery, Columbus  
Kimberly Lynne Munsie, Columbus  
Carol Ann Neuman, Galion  
Darlene Newsome, Cleveland  
Granville Curtis Norton, Columbus  
Phyllis M. Peaks, Columbus  
Cynthia Ann Raines, Columbus  
Maria Esther Rivera, Dublin  
Arthur Kevin Russell, Pittsburgh, Pa.  
Melinda Beth Segal, Columbus  
Lynn Marie Sherwood, Lima  
Karen Elaine Shields, Columbus  
Andrew T. Small, Columbus  
Teresa Rose Stojkov, Cleveland  
Diana Trapp, Gahanna

## College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

Brett R. Basinger, Marion  
Jeffrey Alan Lee, North Olmsted  
Ving G. Lee, Columbus  
Jerry Floren Stults, Ostrander

<sup>1</sup> Offered jointly by the College of the Arts  
and the College of Education

## Bachelor of Science

Brian Mitchell Alexander, Columbus  
Cynthia Darlene Daugherty, Columbus  
Kim M. Edington, Marion  
David Joseph Ehlen, Columbus  
Christopher Robert Fiora, Middletown  
Richard C. Guimond, Jonesboro, Tenn.  
Emiro Ramon Itrausquin,  
Los Taques, Falcun, Venezuela  
Marcy Jo Klayko, Columbus  
Jennifer Nell Klopstein, Worthington  
Kevin Mark Koehl, Carroll  
Bruce Russell McDonald, Columbus  
Frederick Roy Myers, Columbus  
E. Martina Petrarca, Columbus  
Alan Jay Resnik, Novelty  
Brent Richard Smith, Circleville  
Diane Lindner Steacy, Columbus  
Henry Tang, Columbus  
Lora Lynn Williams, Columbus

## College of Social and Behavioral Sciences

Dean: S. Earl Brown

### Bachelor of Arts

Ljubica Acevski, Mansfield  
Peter Christian Alexander, Urbana  
Susan D. Antkiewicz, Akron  
Theodore Gill Barnes, Worthington  
Mark J. Basford, Columbus  
Stephen C. Benedict, Pataskala  
Samuel R. Broomall, Columbus  
Richard Fraizer Broughton, Columbus  
Donna Sue Brown, Coshocton  
James Ernest Brown, Dayton  
Melinda Faith Childers, Dayton  
Denise S. Christman, Ashland  
Maureen Ann Conley, Mansfield  
Pamela Jean Conrad, Columbus  
Leslie Anne Crump, Lorain  
Huey Calvin Cunningham, Columbus  
Michael Carter Deakins, Whitehall  
Peter Arthur DeMott, Columbus  
Michael Pat D'Innocente, Lorain  
Mary Payne Donato, Columbus  
Tomi Lynn Dorris, Greenville  
Herman William Dowdy, Jr., Columbus  
Quinton Royal Dressed, Wapakoneta  
Katherine Herrick Eason, Columbus  
Nancy Rae Esler, Glenshaw, Pa.  
Rose Ellen Faeges, Cleveland Heights  
Kirk Mitchell Fitch, Columbus  
Monica Joan Ford, Columbus  
Rhonda Joy Ford, Xenia  
David A. Gandy, Cleveland  
Matthew Richard Gauker, Coshocton  
Joseph J. Goldmeier, Columbus  
Rebecca P. Gracin, Binghamton, N. Y.  
Joshua W. Greenberg, Columbus  
Melita A. Hairston, Columbus  
Karen Maria Hansen, Columbus  
Betty Jane Hatcher, Columbus  
Julie Clare Heifner, Columbus  
Kay M. Heinz, Columbus  
Barbara Ann Herum, Columbus  
Kirby Joe Hidy, Jeffersonville  
Bradley Edward Hoffman, Columbus  
Richard William Hoffman, Beachwood  
David Ian Horwitz, South Euclid  
Christopher Bennett Jones, Columbus

Luther Ronald Jones, III, Toledo  
Scott Chester Kaye, Brecksville  
Lisa Anne Kehrner, Columbus  
Richard Todd Kemme, Cincinnati  
John Kico, Columbus  
Philip Allen Kramer, Stamford, Conn.  
Marie L. Kulawik, Papillion, Neb.  
Thomas Edmund Lakin, Columbus  
Angela Turner Liberman, Columbus  
Michael Lewis Lindquist, Elyria  
Michelle Guay Little, Mansfield  
Michael D. Longenbaker, Columbus  
Theresa Ann Lucien, Avon Lake  
Andrew Rolland Masse, Columbus  
Steven Alan Mathless, Columbus  
Belinda D. McCray, Frankfort  
Richard Carl McQuown, Warren  
William Charles Mechling, Galion  
Laura Jean Mikut, Strongsville  
Michael James Mueller, Columbus  
Mark Peterson Murphy, Columbus  
Nader Naderi, Columbus  
Daniel Adam Needles, APO, N. Y.  
Mark Allen Neely, Worthington  
Laurann Wickiser Neer, Columbus  
Robert Frederick Niccum, Euclid  
Heather Lois Nicholson, Columbus  
Charlisa Young Norman, Columbus  
Joanne Fox Oaks, Westerville  
Michael J. Pacifico, Whitehall  
David Richard Pavlin, Akron  
Susan Beth Pearlman, Beachwood  
Sarah Jean Peper, Napoleon  
Stephen R. Perez, Van Wert  
John Michael Pitman, Cincinnati  
Gretchen Anne Quinn, Columbus  
Debbie Lynn Richmond, Columbus  
Nelly Ann Roettges, Mansfield  
Ellen Marie Shewalter, Columbus  
Beth Ann Simon, Columbus  
Jeffery Kent Spellerberg, Tiffin  
Michael Wesley Suman, Sandusky  
Rhett David Thurman, Bedford, Mass.  
Doris Helena Toland, Columbus  
Rebecca Anne Unger, West Alexandria  
Charles L. S. Vitell,  
Elmore Long Island, N. Y.  
Scott William Walton, Columbus  
Mary Helen Weideman, Columbus  
Robert Patrick Wheelersburg, McDermott  
Robin Lee Wiem, Columbus  
Lulesa M. Williams, Columbus  
Patricia Ann Williams, Xenia  
Audrey Joyce Young, Columbus  
Caryl Lynn Young, Worthington  
Gary Michael Ziegler, New Philadelphia

### Bachelor of Science

Rose Irene Chu, Shrewsbury, Mass.  
Lynn Eisenstein, Lyndhurst  
David Ray Givens, Newark  
Roger Alan Kilcrease, New Carlisle  
Lawrence Paul McGrover, Warren  
Gregory Roy Nickell, Akron  
Wesley McCall Nida, Marietta  
Raymond Andrew Noe, Warren  
Lynn Merrill Rainier, Sharon, Pa.  
Thomas Edward Reese, Baltimore, Md.  
Renae Marie Roberts, Shelby  
Julia Sayre Schrand, Cincinnati  
Steven Snyder Schwartz, Columbus  
Wendy Ann Somsak, North Royalton  
Joseph Nelson Steele, Pleasant Hill, Calif.  
Julie Ann Watkins, Sylvania  
Keith Mitchell Weiner, Columbus  
James L. West, Portsmouth

Janilee Beth Wheaton, Columbus  
Glenn Stephen Wingate, Cincinnati

### Bachelor of Arts in Journalism

Cynthia Jane Acker, Gettysburg  
Rose Marie Allerding, Columbus  
Teresa Ann Bradford, Columbus  
Susan Kelly Brown, Gahanna  
Susan Ann Chace, Mason  
Debra Lynn Cummings, Columbus  
Michael Joseph Doody, Columbus  
Timothy John Doulin, Columbus  
Susan Louise Ettl, Toledo  
Martin Bennett Friedman, Beachwood  
Robert L. Griffin, Columbus  
Gerhard Rolf Gross, Sandusky  
Brenda Suzanne Hinkle, Columbus  
William Anthony Houston,  
Binghamton, N. Y.  
Robert C. Innes, Vermillion  
Kathleen Ann Kelly, Columbus  
Cecilia Rose Tankovich Longenbaker,  
Columbus  
Karen Marie Massie, Xenia  
Sharon Kay Miller, Wooster  
Robert Arthur Nash, III, North Olmsted  
Jodie B. Shagrin, Youngstown  
Elin Victoria Silveus, Columbus  
Douglas Allen Smetzer, Perrysville  
Karen Sue Smith, Columbus  
Jeffrey Lee Sparks, Columbus  
Rudy Darnell Spivery, Cleveland  
Alan Craig Stone, Middletown  
Mary Frances Taugher, Toledo  
Robert Neal Webner, Columbus  
James Scott Willis, Columbus  
Frederick James Yates, Jr., Columbus

## College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

Olan Genene Adams, Beaver  
Aykut Avni Akdag, Fort Wayne, Ind.  
Timothy David Albert, Tiffin  
Kwame Nana Ampofo, Ghana  
Todd Anthony Andrews, Dayton  
Marcia Lynn Baker, Middleburg Heights  
Donald Francis Barrett, Millersport  
Connie L. Becker, Columbus  
David Arthur Bell, Norton  
Charles Dominic Bertini, Kettering  
John Howard Bieltz, Columbus  
Frederick James Boyle, Columbus  
Michael Francis Brett, Ravenna  
Michael Lynn Britt, Lima  
Lawrence John Brogan, Louisville  
Richard Allen Bryant, Westerville  
David Gail Burget, Delphos  
Randall Phillip Cain, Cincinnati  
Bruce Ramsey Campbell, Columbus  
Paul Cole Carroll, Columbus  
Kei-ng Chan, Hong Kong  
Arnold Thomas Chonko, Athens  
Stacey Lee Clarke, Columbus

Ronald Dean Coate, West Milton  
 Aaron Thomas Coleman, Columbus  
 Kenneth Joseph Contrera, Parma  
 Mary Elizabeth Coridan, Columbus  
 Robert Arnold Daines, Columbus  
 Michael Rocco D'Anniballe, Steubenville  
 Theodore Edward Dastoli, Youngstown  
 Kathy Denise Detty, Canal Winchester  
 Annette Beatrice Drucci, Canton  
 Jean Marie Durbin, Columbus  
 David Michael Eckhardt, Middletown  
 James Michael Entinger, Steubenville  
 Thomas Richard Fairgrieve, Trenton  
 Gloria Ann Ferguson, Columbus  
 Lee Alexander Firich, Aliquippa, Pa.  
 Paul G. Fischer, Rochester, N. Y.  
 Mary Fisher, Port Clinton  
 Rebecca Flinn, Littleton, Colo.  
 William Bonnie Flint, Columbus  
 Gregory Leon Fogle, Zanesville  
 Melanie Jane France, Columbus  
 Valerie Ann Gallae, Columbus  
 Michael Joseph Gallick, Columbus  
 Jeffrey Edward Gallo, Lyndhurst  
 Cathy Ann Garriss, Huron  
 Daniel Edward Gaval, Middleburg Heights  
 Donald Gibson, Jr., Worthington  
 Lynn Beth Goldstone, Youngstown  
 Michael Edward Gomez, North Ridgeville  
 Robert A. Gould, Columbus  
 Russell A. Greenberg, Brooklyn, N. Y.  
 John Michael Gulliver, Marietta  
 George Henninger Gumbert, Columbus  
 Michael Joseph Hannon, Columbus  
 Stephen Richard Harris, Columbus  
 James Edward Hart, Springfield  
 Richard Eugene Haycock, Columbus  
 Linda Louise Hellwege, Bellefontaine  
 James Maxwell Hensley, Lima  
 Tonya Rae Hill, Dublin  
 Pamela Sue Hoyt, Shaker Heights  
 Peggy Ann Hunt, Canfield  
 Michael Steven Hurwitt, Euclid  
 Martin Ralph Inkrott, Leipsic  
 David F. Jamis, Wichita, Kans.  
 Andy Jarachovic, North Olmstead  
 Charles Reed Johnson, Columbus  
 Elizabeth Ann Johnson, Dover  
 Stephen Lewis Jones, West Liberty  
 Eric Rudolf Jonke, Fayetteville, N. C.  
 James Lan Jordan, Lima  
 David Peter Kasper, Reynoldsburg  
 Michael Edward Kennedy, Columbus  
 Don Allan Klayman, Columbus  
 James Michael Knoch, Wapakoneta  
 Timothy Jon Koder, Toledo  
 Kurt Louis Kohler, Blackwood, N. J.  
 David Alan Kuhn, Niles  
 Gerald Patrick Lane, Columbus  
 Scott Perry Levison, Beachwood  
 Kurt Loren, Westerville  
 David Richard Lowrie, Strongsville  
 Douglas Raymond Malcolm, Canton  
 Darlene Ann Manley, Gahanna  
 Yvonne Martin, Williamsburg  
 James V. Matoszkia, Shadyside  
 Michael Anthony Mayo, Columbus  
 Catherine Mary McCrorie, Columbus  
 Jenny Sue McDaniel, Cincinnati  
 Regina R. McDonald, Cleveland  
 Pamela Rose McMillen, Seabrook, Tex.  
 Andrew Melnyk, Parma  
 D. W. Miles, Jr., Columbus  
 David Paul Miller, North Canton  
 James Christopher Miller, Newark  
 Jerry Wayne Miller, Mayfield Heights  
 Lee K. Miller, Wooster  
 Steven Russell Miller, Heath  
 Shahriar Mirhosseini, Columbus  
 Robert Alan Morris, Parma

William Stanley Morrison, Lakewood  
 Katherine Nett Murphy, Columbus  
 Richard W. Murray, Cincinnati  
 Michael David Nauman, Lancaster  
 Carol Louise Nelson, Huron  
 Mbanefo Brian Ojibe, Enugu, Nigeria  
 John William Orban, Macedonia  
 John Alford Owens, Newark  
 Michael Steven Nicholas Pachan, Rocky River  
 Clare Marie Paquelet, Louisville  
 Don Russell Parkhill, Coshocton  
 Nancy Laverne Peebles, Middletown  
 Michael G. Petukauskas, Cleveland  
 Joel Anthony Picciachio, Brewster  
 Randy Jay Poling, Van Wert  
 Mark Herschel Ranft, Columbus  
 Paul Andre Redd, Warrensville Heights  
 John Lahr Repke, Cincinnati  
 Jeffrey Richard Ritter, Columbus  
 Barbara L. Robbins, Youngstown  
 Rebecca Lyn Robinson, Columbus  
 Roger William Schneider, Mt. Sterling  
 Scot Ross Schoeppler, Chardon  
 Thomas Kevin Sheehan, Toledo  
 Ardamann Bhagwant Singh, Euclid  
 Diane Louise Skebo, Johnstown  
 Paul Frank Smith, Dover  
 William Justin Snively, Bellaire  
 Cecil Alan Snow, Newark  
 Drew Christopher Solomonides, Columbus  
 Korbey Lee Spielberger, Columbus  
 Jeffrey Samir Sugheir, Toledo  
 Stephen W. Tharp, Worthington  
 Stephen Peter Thomas, Seven Hills  
 David James Thompson, Canton  
 William C. Ticknor, Centerville  
 Steven R. Trail, Columbus  
 Gerald Lee Tripp, Gahanna  
 Russell George Turner, Cincinnati  
 Thomas J. Ubbing, Columbus  
 Ann Marie Vallo, Columbus  
 Kenneth Martin Wade, Columbus  
 Dennis Waina, Mentor  
 Deborah Jeanne Walter, Northfield  
 Steven Edgar Walters, Columbus  
 Karen Christine Whalen, Columbus  
 Dale Leroy Whims, Pickerington  
 Kenneth Bruce Wilson, Akron  
 Timothy Frederick Windholtz, Atlanta, Ga.  
 Dana Lynn Wisecarver, Columbus  
 David Paul Woeste, Centerville  
 Charles Scott Worman, Columbus  
 Regina Lee Wright, Columbus  
 Cheryl L. Zellner, Columbus

## Bachelor of Science in Labor and Human Resources

Rosalind Drum, Columbus  
 Mary Elizabeth Pardee, Columbus  
 Joseph William Simone, North Ridgeville

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

## Bachelor of Science in Agriculture

Sharon Jean Ackley, Nevada  
 Robert Michael Altmeyer, Kittanning, Pa.  
 William Samuel Altmiller, Westerville  
 Edison Ramon Avila, Columbus

Jonathan Balyeat, Van Wert  
 Robert John Barco, Medina  
 Timothy Lee Bonar, Farmdale  
 Kathryn Ann Bosworth, Strongsville  
 Rebecca Jean Broeske, Bellville  
 George William Broughton, Marietta  
 Mark Alfred Brown, Granville  
 John Welles Brumfield, Northfield  
 Thomas Mark Brumfield, Columbus  
 Clarence John Carpenter, Grove City  
 Robert Charles Cochran, Wooster  
 Roger Eugene Coffman, Marietta  
 Harry Henkel Crosby, Staunton, Va.  
 Paul Matson Cross, Racine  
 Donald Gilbert Crum, Canton  
 Keith Allen Deimling, Cincinnati  
 James T. Dodge, Monroe, Mich.  
 Scott Bradford Doggett, Columbus  
 Michael Dean Duff, Washington C. H.  
 Robert Paul Egbert, Columbus  
 Glen Edward Ellison, Mansfield  
 Michael James Estock, Louisville  
 Rise May Friday, Columbus  
 James Robert Gable, New Lexington  
 Bonnie Kay Garwood, Columbus  
 Thomas Richard Gear, Cincinnati  
 Brian Eugene Gehring, Newark  
 Thomas Alan Griffith, Kettering  
 Frederic Jay Gurr, Marion  
 Nancy Gail Hammer, Cincinnati  
 Dale Paul Hertlein, Martinsville  
 Dean Martin Hill, Columbus  
 Robert Lee Hoffman, Wellington  
 William Louis Jachinski, Gahanna  
 Steven Lynn Jenkins, St. Paris  
 Carol Jane Jordan, Columbus  
 William Wayne Kaufman, Lima  
 Karen Jean Keefer, Fayette  
 Leanne Kelly, New London  
 Daniel Edward Kirk, Adena  
 William Earl Knox, Mt. Healthy  
 Thomas Frank Konst, Green Springs  
 Chris Douglas Kroon Van Diest, Columbus  
 Donald Allan Laux, Brunswick  
 Jack Anthony Lemmermen, Tiffin  
 James Donald Long, Bucyrus  
 Marcus Edward Lower, Mt. Sterling  
 Larry Frederick Maassel, Malinta  
 Sandra Adelen MacLin, Toledo  
 Gary Edmund Maguire, Canfield  
 John Greg Majernik, Whitehall  
 Randy Lee Mapes, Columbus  
 Mark Rexford Masterson, Somerset  
 Amy Jeanne Mathews, Kinsman  
 Robert Charles McAdams, Whitehall  
 James Phillip McCann, Defiance  
 Thomas Joseph McCann, Jr., Miami, Fla.  
 Randall Lee McClain, Mentor  
 Margaret Anna McCoy, Columbus  
 Jennifer Lynn McMillan, Wilmington  
 Jeffrey Lee Miller, Tiffin  
 Linda Sue Miller, Fort Jennings  
 Randy A. Moore, Sidney  
 Jeffrey Carl Myers, Steubenville  
 Thomas Graydon Myers, Wauseon  
 Jeffrey Howard Neal, Jamestown  
 Matthew Jon Nieman, Gahanna  
 Thomas Allen Noblit, Bucyrus  
 Edward Lynn Ott, Cortland  
 Marilyn Marjorie Otto, Huntington, W. Va.  
 Brian Vance Overholser, Parma  
 Dale Lewis Parks, Rhinard Mills  
 Kim Anne Parlin, Marietta  
 Jeffrey Ronald Pisserra, Dover  
 Jeffrey William Pratte, Spencerville  
 Deborah Lea Sand Purcell, New Albany  
 Robert Allan Radachi, Elyria  
 John Charles Reed, Solon  
 Cindy Lou Riggsby, Hilliard



William Michael Rogers, Willoughby  
 Sharon Denise Rudder, Camden  
 David William Sachs, Fremont  
 John Allen Schmitkons, Lorain  
 Theresa Hyde Schmitt, Delaware  
 William David Schrauf, North Ridgeville  
 Erwin Lee Schroeder, Leipsic  
 Andrew Schumer, East Meadow, N. Y.  
 John William Scullion, Salem  
 Nancy Lee Secrist, Fremont  
 Thomas Lyman Sefton, Dayton  
 Kevin Leigh Shank, Springfield  
 Robin Irene Shepherd, Salem  
 Daniel Edward Shoemaker, Peebles  
 Mark Richard Snider, Columbus  
 Deborah Carol Stairs, Columbus  
 Gregory Charles St. Clair, Columbus  
 Teresa Jane Steinbeck, Sherman, Tex.  
 Sara Ellen Stillings, Galion  
 Daniel Brian Stover, Marion  
 Michael Lee Strode, Stockport  
 William Todd Sutliff, Bristolville  
 John Marion Todd, Columbus  
 William Ladimir Tubman, Columbus  
 Kenneth W. Turteltaub, Ashtabula  
 Andrew Warren Ward, Dayton  
 Scott Eugene Weaver, Lancaster  
 Gary Richard Weinheimer, Madison  
 David William Wesler, New Paris  
 Melissa Lew White, Columbus  
 Jerry Keith Wiles, New Carlisle  
 Mark Dale Williams, Athens  
 Richard Maurice Williston, Huron  
 Scott Paul Wonders, Nova  
 James Lawrence Woods, Gahanna  
 Mark Stanley Woodworth, Madison  
 Patricia Shannon Yacso, Columbus  
 Dirk Beebe Yelinek, Springfield, Mass.  
 Nil C. Yetis, Toledo  
 Brian A. Young, Yellow Springs  
 Khadije Zoomand, Columbus

## **Bachelor of Science in Food Science**

Elizabeth Maria Volk, Parma

## **Bachelor of Science in Food Technology**

Michael Scott Abrams, Cincinnati  
 Carolyn Joyce Perkins, Dayton  
 Edmund William Schuster, Avon Lake

## **Bachelor of Science in Nutrition**

Vicki Lynn Horton, Cincinnati

## **School of Home Economics**

### **Bachelor of Science in Home Economics**

Sharon Elaine Alley, Worthington  
 Georganne Michelle Apelian, Miami, Fla.  
 Rosanne D. Belt, Utica  
 Kris Ellen Benadum, Lancaster  
 Melinda Lee Bennett, Dublin  
 Stasha Lynn Burk, Westerville  
 Janette Heleen Chapek, North Olmstead

Susan Eileen Crum, Wooster  
 Jill Ann Dannecker, Akron  
 Kimberly Diane Davis, Westerville  
 Barbara Ann Eakin, Orient  
 Lisa K. Fulgham, Columbus  
 Candace Dean Gabriel, Columbus  
 Patricia Jayne Geiger, Worthington  
 LuAnn Gipp, Salem  
 Elaine Ann Gosser, Grove City  
 Mary A. Hasselkus, Elmore  
 Deborah Lou Hoffman, Canton  
 Kimberly Marie Ann Kiener, Columbus  
 Rebecca Jean Kupanoff, Springfield  
 Judy Carol Levine, Blacklick  
 Amy L. Lichtenstein, Cleveland Heights  
 Donna Jean Mann, Delaware  
 Marlane J. McCall, Cleveland  
 Jayne McCarthy, Massillon  
 Lisa Janet Milan, Columbus  
 Ann Regina Niday, Columbus  
 Diane Victoria Oyer, Columbus  
 Susan Diane Paul, Fairview Park  
 Diane R. Poeppelman, Yorkshire  
 Kathy Denise Ray, Columbus  
 Barbara Ann Regula, Beach City  
 Mary Frances Ryan, Lakewood  
 Barbara J. Seifert, Columbus  
 Nancy Ann Shulaw, Lima  
 Kimberly Lynn Smith, Columbus  
 Elaine Marie Talaba, Mansfield  
 Karen June Townsend, Paulding  
 Diane Kay Tredway, Orrville  
 Michele Yvonne Ware, Cleveland  
 Mary-Elizabeth Williston, Bath

## **Bachelor of Science in Nutrition**

Dirk Gardner Hehr, Columbus

### **Bachelor of Science in Restaurant Management**

William J. Anderson, Bethlehem, Pa.  
 Beth Helene Harris, Mayfield Heights  
 Jennie Beth James, Worthington  
 Monique Krasny, Cleveland  
 Patrick Robert Minadeo, Columbus

## **School of Natural Resources**

### **Bachelor of Science in Natural Resources**

Christopher Anthony Alaburda, Olmsted  
 Jeffrey Robert Bartels, Canton  
 Therese Marie Biggins, Cleveland  
 Antony Rocco Borghese, Columbus  
 Mark Alan Burger, Marysville  
 Donald Eugene Conrad, Loudonville  
 Gary Emerson Cohan, Dayton  
 Lloyd Douglas Craycroft, Columbus  
 David Allan Crosby, Reynoldsburg  
 Jill Louise Cunningham, Defiance  
 Thomas Charles Deitemeyer, Elmore  
 Scott Clair Doty, Findlay  
 Charles Albert Duncan, Columbus  
 Brian Kendall Enck, Columbus  
 Michael Russell Fitch, Columbus  
 Joyce Ann Foltz, Columbus  
 Peter Edgar Grendze, Lakewood  
 Douglas Emil Haponek, Lorain  
 Nancy Jean Houston, Columbus  
 Mary Elizabeth Janosko, Willoughby Hills  
 Eugene V. Kment, Kent  
 John Chester Kurgan, Cleveland  
 David Alan Lockshin, Canton

David Bryant Loving, Centerville  
 Michael Edward Magley, Worthington  
 Arthur Daniel Main, Delaware  
 David Leonard Martinkowski, Willoughby  
 Lynn Marie McConville, Yellow Springs  
 Andrea Diane Miller, Akron  
 Gregory Allen Miller, Lewisburg  
 Kelly Anne Nagel, Columbus  
 Randy Joseph Pleiman, Madeira  
 Edward Brian Roush, Portsmouth  
 Valdis Arturs Rubenis, Lakewood  
 Jeff S. Schaeffer, Akron  
 William John Schmitter, Seven Hills  
 Ruth Elaine Shellhouse, Tiffin  
 Catherine Ann Sova, Columbus  
 Raymond Louis Taucher, Columbus  
 Donald Robert Thomas, Hubbard  
 Peter Cole Thompson, Junction City  
 Ty K. VanFossen, Columbus  
 James Allen Vieira, Lima  
 Gary L. Vonderembse, Lima  
 Daryl Lee Walizer, Alliance  
 James Robert Wallace, Dayton

## **Agricultural Technical Institute—Wooster**

### **Associate in Applied Science**

Bruce Terrell Achor, New Vienna  
 Todd William Anderson, Sandusky  
 Joseph Charles Baglia, Jr., Hiram  
 John Ray Barlow, Wooster  
 Mark Alan Bauer, Defiance  
 David Scott Becker, Hamilton  
 Brenda Jane Benninger, Wooster  
 Bryan Charles Black, Canal Winchester  
 Marsha B. Campo, Galion  
 Curtis Dean Eddie, Newton Falls  
 Diana Lyn Ferich, Wooster  
 Scott Alan Fishpaw, Avon  
 Robert Joseph Gayer, Harvey, Ill.  
 Rodney Lee Haudenschild, Kenton  
 John Michael Henrietta, Concord  
 Stephen Leslie Johnson, Sarahsville  
 Janet Love Kelly, Lakewood  
 Timothy Mark Kelly, Malvern  
 Robert Jay Klemm, Bay Village  
 Kevin Michael Kohls, Bucyrus  
 Kurt Everett Krueger, Ashland  
 Gregory Reed Malone, Olmsted Falls  
 Charles A-Duke Metzler, Richmond Heights  
 Ned Harold Meyer, Botkins  
 Douglas Allen Miller, Jackson  
 Susan Oboczky, Euclid  
 Karen Kay Ogden, Kenton  
 Janet Sue Parr, Columbus  
 Lucinda Frances Pater, Shreve  
 Kelly Lynn Pfoet, Rittman  
 Kathleen Marie Regan, Wooster  
 Barbara Ruth Renner, Bolivar  
 Dave Frank Ritschel, Parma Heights  
 Robin Edward Ruh, Amelia  
 Scott David Russell, Granville  
 Mark Eugene Taylor, Killbuck  
 Paul David Weinau, Berlin Heights  
 Charles Chase Wilson, Ill.,  
 New England, W. Va.  
 Margaret Hart Yeazel, Wooster  
 Tony Peter Zizes, Cuyahoga Falls

## College of Education

Dean: Robert A. Burnham

### Bachelor of Science in Education

Marcie Sue Adell, Pepper Pike  
 Marlene Anne Michael Altstaetter, Cairo  
 Patricia Ellen Anderson, Avon Lake  
 Marcia Ann Barnhart, West Jefferson  
 Robert Redman Bartels, Columbus  
 James Edward Bergers, Columbus  
 Michael Joseph Berry, West Milton  
 Rita Zimmerman Bias, Thornville  
 Vickie Tarter Bidwell, Unioipolis  
 Nancy Volz Billings, Columbus  
 John Russell Blum, Chardon  
 Karen Ditson Blumhorst, St. Marys  
 Pamela Sue Boardway, Granville  
 Belinda Jayne Bonner, Jeffersonville  
 John Calvin Brockway, Crestline  
 Cheryl Sue Burchfield, Columbus  
 Thomas Charles Busher, Euclid  
 Margaret Carey Byers, St. Marys  
 Pat C. Campana, Lorain  
 Mary Patricia Capper, Cape Coral, Fla.  
 Christine Annette Cheadle,  
 Canal Winchester  
 Ralph Donald Church, Worthington  
 Elaine Conroy, Middleberg Heights  
 Patricia Evelyn Conroy, Cincinnati  
 Kimberly Ann Copeland, Steubenville  
 David Allan Crosby, Reynoldsburg  
 Julie Ann Dadone, Cincinnati  
 Debbie Mumma Davis, Mt. Vernon  
 Deborah Jan Dawe, Wooster  
 Veletta Jane DeBoer, Worthington  
 Mary Lynne Diehl, Worthington  
 Pamela Ann Dougherty, Toronto  
 Cynthia Nease Elliott, Bellefontaine  
 Laurie Kim Elrod, St. Marys  
 Karen Sue Eubank, New Paris  
 Cynthia Corinne Fair, West Salem  
 Barbara Louise Fenner, Columbus  
 Ann Frances Fenton, Washington C. H.  
 Carolyn Irish Finneran, New Canaan, Conn.  
 James Clyde Fisher, Bluffton  
 Beverly Ann Flood-Milheim, Bucyrus  
 Debra Whitaker Foster, Pickerington  
 Elaine Lendy Given, Columbus  
 Georgia Siebold Glass, Columbus  
 Gary Charles Glaes, Mogadore  
 Dianna Joy Goedeking, Gahanna  
 Gary A. Green, Thornville  
 Sandra Denise Grieselhuber, Hamilton  
 Raymond Eric Griffin, Columbus  
 Robert L. Grove, II, Columbus  
 Nancy Jane Hafer, Larue  
 Dianne Haggins, Windsor  
 Susan Jane Hale, Bay Village  
 Tyrone Harris, Columbus  
 Karen Ann Heber, Columbus  
 Jane Ann Heiby, Celina  
 Deborah Ann Helber, Columbus  
 Mark Irvin Helsel, Obetz  
 Thomas Lee Henderson, Elyria  
 Diana Lynne Hill, Columbus  
 Barbara Douds Hillgoss, Columbus  
 Robert Ross Hoak, Columbus  
 John Michael Hoell, Columbus  
 Nancy Ellwood Holsinger, Marion  
 Cheryl Snapp Hord, Willard  
 Donna Lorraine Hull, Youngstown  
 Linda Lawrence Iulucci, Delaware  
 Harry Louis Jimenez, Lorain  
 Sarah Kathryn Johnson, Bay Village  
 Barbara Suzanne Jones, Merritt Island, Fla.

Janice M. Kahle, Ottawa  
 Tim Allen Kauffman, Columbus  
 Nicola Joan Kelley, Fairborn  
 Brenda Kay Kohler, Clinton  
 Debbie Sue Koll, Reynoldsburg  
 Karen Elaine Kropiwnicki, Independence  
 Carol Ann Phillips Lafferty, Lima  
 Robyn Lynn Lohstroh, Reading  
 Steven Thomas Lorenz, Columbus  
 Glenda Kay Louis, Bucyrus  
 Sabrina Lila Lucas, Cleveland  
 Melissa Ann Lust, Galion  
 Michael Edward Magley, Worthington  
 Mary Shannon Maloney, Columbus  
 Susan Jahn Mancini, Worthington  
 Kay Seabright Martin, Lakewood  
 Sandra Ann Matasich, Proctorville  
 Nancy Jane Mattern, Youngstown  
 Garth F. McGrail, Worthington  
 John Thomas Messerly, Lancaster  
 Barry Moore, Newark  
 Judith Ann Moss, Worthington  
 Naomi Kuipio Mundon Neighbor, Bucyrus  
 Pamela Lee Olinger, Warsaw  
 June Dungan Orr, Beavertown  
 Teresa Louise Palmer, Columbus  
 Hope Elizabeth Parks, Williamsport  
 Joy Lee Pence, Chillicothe  
 Karen J. Danculovic Perlmutter, Columbus  
 Roger Kevin Pickenpaugh, Caldwell  
 Carmelita Maria Piccoro, Worthington  
 Patricia Avanel Warren Poling, Delphos  
 V. Peter Polivka, Columbus  
 Paul Noel Powers, Columbus  
 Paula Mae Pritchard, Plymouth  
 Jackie Kehr Prosser, Mansfield  
 Julia Morgan Fusecker, Dublin  
 Gary A. Reeve, Columbus  
 Betty Joseph Remlinger, Prospect  
 Donna Antram Rice, Elida  
 Valarie Lynn Richards, Columbus  
 John Eric Rinto, Crestline  
 Pamela Jo Pennington Robinson, Katy, Tex.  
 Kathy Kerr Rojewski, Worthington  
 Judy Andrews Saine, Lima  
 Denise Marie Schmaeker, Ottawa  
 Jennifer Jean Schwabe, Cuyahoga Falls  
 Sharon Sheaf-Hite, Columbus  
 Dawn Marie Apicella Silvestrini, Toledo  
 Mary Jane Simokaitis, Arlington, Va.  
 Mary Teresa Smith, Columbus  
 Terry Wallar Southwick, Columbus  
 Sandra Marie Speck, Mansfield  
 Marilou Fahrback Stafford, Columbus  
 Barbara Ann Stephen, Winterville  
 Thomas A. Stevens, Centerville  
 Raymond Arthur St. John, Akron  
 Victoria Ann Sullivan, Chicago, Ill.  
 Martha Buck Swift, Columbus  
 Debra Fyfe Thomas, Paramus, N. J.  
 Pamela Jo Thompson, Enon  
 Joann F. Tippet, Sayre, Pa.  
 Rita Jo Trimble, Upper Sandusky  
 Robert Pierce Uhle, Cleveland Heights  
 Thomas Porrester Waugh, Columbus  
 Vickie Dianne Weatherington, Worthington  
 Myra Kay West, Columbus  
 Penny Sue Whipple, Ashley  
 John Robert Williams, Lima  
 Tony Alfred Wilson, Hampton, Va.  
 Karen Ann Workman, Euclid  
 Susan Jayne Yontz, Caldwell  
 David O. Youngblood, Delaware  
 Jodi Wynne Zackowitz, Wharton, N. J.  
 Gerald Alan Zeise, Westerville

Bachelor of Art Education and  
 Bachelor of Music Education  
 degrees are offered jointly by the  
 College of the Arts and the  
 College of Education.  
 Candidates are listed under  
 College of the Arts

## College of Engineering

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Edward Charles Christ, Jr., Columbus  
 Roland Alan Cusworth,  
 Kamloops, B. C., Canada  
 Waldemar Richard Krolak,  
 Brantford, Ontario, Canada  
 Richard Carl Mutzman, Miami, Fla.  
 Arthur Geronimo Nunes, Jr.,  
 Chicopee, Mass.  
 Jeffrey Alan Swan, Avon Lake  
 Stanley Alan York, Mansfield

### Bachelor of Science in Agricultural Engineering

Brian Eugene Code, Waynesville  
 Kenneth Steven Early, Elida  
 Arthur Howard Geyler, Jr., Cincinnati  
 Steven Dudley Warner, Nevada

### Bachelor of Science in Ceramic Engineering

Jeffrey Lawrence Angart, Willoughby  
 Nancy Noreen Preece, Plain City

### Bachelor of Science in Chemical Engineering

Mohammad Reza Bagheri, Tehran, Iran  
 Mary Clare Stolarski, Bexley

### Bachelor of Science in Civil Engineering

Thomas Frederick Denk, Parma Heights  
 Robert William Hake, Athens  
 Robert Dale Harrison, Canton  
 William Kenneth Jones, Worthington  
 James Phillip Joyce, Columbus  
 John Charles Kwest, Kettering  
 Robert David Reed, Ottawa  
 David Todd Schmieder, Chillicothe  
 Kenneth Floyd Siegfried, Westerville  
 Jeffrey Lynn Sparr, Shreve  
 James Albert Spratt, Sicklerville, N. J.  
 Mohammed Taghnia, Tehran, Iran  
 Thomas Donald Traut, Cincinnati  
 Danny Robert Wiegand, Mansfield

## **Bachelor of Science in Computer and Information Science**

Bryon Joseph Coffey, Columbus  
Belinda Jane Paisley, Newark  
Eric Jay Schechtman, Cleveland Heights

## **Bachelor of Science in Electrical Engineering**

Garry Lee Allison, Columbus  
Joseph A. Bowman, Hilliard  
Donn Lowell Buckingham, Greenville  
Susan Roberta Curtis, Columbus  
Richard J. Foster, Louisville, Ky.  
William Geist, Columbus  
James Melvin Higginbotham, Jr., Newark  
Thomas Yui-Kee Ho, Milpitas, Calif.  
Marc Alan Leap, Sunbury  
Charles John Martin, Girard  
Terry Wayne McGinnis, Columbus  
Robert William Rike, Columbus  
Paul William Schmidt, Xenia  
Billie Monroe Stevens, Jr., Columbus  
Steven Richard Thomas, Greenville  
Ruan Chih Tou, Taipei, Taiwan, R.O.C.  
Bervin Jay Wajnryb, Columbus  
Arthur Wayne Weber, Novelty

## **Bachelor of Science in Industrial and Systems Engineering**

Publio Miguel Adrianza,  
Caracas, Venezuela  
Brian Francis Ahman, Ottawa  
Martha Ann Gaudill, Franklin  
Craig William Gural, Columbus  
Kenneth Alan Hodina, Willoughby  
Brian B. Ireland, Columbus  
Sohaila Djahangiri Kaveh, Tehran, Iran  
Mark Benson Langhout, Dayton  
Terri Robin Levy, Cincinnati  
Michael John Mattimoe, Toledo  
Ronald K. Smith, Lancaster  
Kenneth Eugene Walton, Martins Ferry

## **Bachelor of Science in Mechanical Engineering**

Richard Joseph Abbruzzi, Howell, N. J.  
Ralph Paul Brooks, Jr., Carrollton  
Harold Eugene Cook, Jr., Ashtabula  
David Noble Corson, Columbus  
Joseph James Daniel, Columbus  
Arthur Dennis Dyce, Columbus  
Howard Ernst Hendershott, Hudson  
Joseph Dennis Herring, Lakewood  
Richard C. Jeske, Columbus  
Van Kent Joyner, Fairfield  
Arthur Clarence Krikke, Greenwich  
Cynthia Sue Legg, Waverly  
Kevin C. Legge, Dayton  
Eric Arthur Paul, Findlay  
Joseph Michael Pereira, Goodwood Gardens,  
Trinidad, West Indies  
Willem Lucas Plaat, Troy  
Mark Allen Poling, Gallipolis  
Stanley Ray Reeves, Columbus  
Joseph David Schaeufele, Columbus  
Michael Paul Skomrock, Newbury  
Christopher Lawrence Smith, Rittman  
Mark Joseph Stollenwerk, Columbus  
Michael Kevin Tanner, Avon Lake

Arthur Wayne Weber, Novelty  
Douglas Allen Wickham, Columbus  
Susan Mary Willke, Columbus  
Larry Alan Witherup, Columbus  
Joseph Patrick Wolf, Minster  
Kenneth Paul Yamarick, Circleville  
Steven Larry Young, Columbus  
David Paul Zachrich, Columbus

## **Bachelor of Science in Metallurgical Engineering**

Michael Angelo Rocazella, Eastlake

## **Bachelor of Science in Welding Engineering**

Craig Douglas Howard, Lima

## **School of Architecture**

### **Bachelor of Science in Architecture**

James Richard Crowell, Clifton Park, N. Y.  
Yvonne Katherine Tromblay, Bellefontaine

### **Bachelor of Science in Landscape Architecture**

Michael Richards Harris, Columbus  
Kenneth Tokikazu Yorozu, Seattle, Wash.

# **College of Medicine**

Dean: Henry G. Cramblett, M.D.

### **Doctor of Medicine**

Paul Forrest Armstrong, Lyndhurst  
B.A. (Kenyon College)

J. Kenneth Davis, Independence  
B.A. (Ohio Wesleyan University)

Avrom David Epstein, Akron  
B.A. (Miami University)

David William Foulk, Bucyrus  
B.A. (Ohio Wesleyan University)

John W. Hunter, Ventura, Cal.  
B.A. (U.C.L.A.)

Kirk Phillip Lindvig, Newark, Del.  
B.S. (Denison University)

Kim Alison Ogle, Westerville  
B.A. (Otterbein College)

Kenny Eugene Stall, Dayton  
B.S. (University of Miami)

Arlen Ray Stauffer, Columbus  
B.A.

## **School of Allied Medical Professions**

### **Bachelor of Science in Allied Health Professions**

Sharon Louise Baehr, Tiro  
Julie Ann Gabriel, Parma  
Robert Dewitt Longenecker, Lewisburg  
Donna Jean Perry, Mentor  
Mark Allen Steele, Lisbon  
William Werner Sykes, Columbus  
Ellen Diane Vavra, Bedford  
David Paul Wetzel, Jr., Decatur, Ill.

### **Certificate of Post Baccalaureate Circulation Technologist**

Mark S. Draher, Worthington  
B.S.

### **Certificate of Post Baccalaureate Medical Technologist**

Rollie Lee Cruze, Chillicothe  
B.S.

## **School of Nursing**

### **Bachelor of Science in Nursing**

Jane Linscott Adams, Marysville  
Jacalyn Sue Buck, Hilliard  
Susan Leoa Burkhart, Canton  
Ruthann Cowie, Rochester  
Deborah Anne Hague, Steubenville  
R.N.  
Dennis Leroy Hines, Harrisburg  
Barbara Farris Kipp, Plain City  
Marion Wayne Kiser, Mason  
Marilyn Lenora Lee, Columbus  
Mary Susan Lilly, Springfield  
Mary Ann Massa, Lexington  
Marjorie Beth Mignin, Archbold  
Jennifer Lee Palmer, Toledo  
Kimberlee Bishop Pavelka, Columbus  
Patricia Anne Repasky, North Kingsville  
Cynthia Bracey Richardson, Columbus  
Jacquelyn Lerita Rivers, Cincinnati  
Susan Cary Schafer, Bratenahl  
Lisa Jean Sheppard, Delaware  
Mark Henry Shuter, Portsmouth  
Christina Ann Smith, Kettering  
Laurie Lynn Ertis Steinberg, Toledo  
Jill Debra Steuer, Columbus  
Terry Lee Stump, Trotwood  
Nina Kay Thompson, Geneva

# **College of Pharmacy**

Dean: Albert H. Soloway

### **Bachelor of Science in Pharmacy**

Steven Eugene Ackerman, Cardington  
Linda Sue Baugher, Tiffin

Wendy Sheryl Brown, Shaker Heights  
 Beth Ann Butschi, Vandalia  
 James Gerard Clouse, Somerset  
 B.S. (University of Notre Dame)  
 Kenneth David Crist, Zanesville  
 Carolyn Sue Delphia, Columbus  
 James Michael Dixon, Urbana  
 Linda Ann Fitch, Portsmouth  
 Gregory Axel Hamilton, Zanesville  
 Robert Gregory Herrin, Cincinnati  
 John Matthew Kalish, North Bloomfield  
 Gerald Mark Kaup, Fort Recovery  
 Lorraine Marie Kaup, Parma  
 Lisa Lebedin, White Plains, N. Y.  
 Patricia Lynn Little, Youngstown  
 Nancy Ann Loecy, Euclid  
 Amy Sue McFeeley, Dayton  
 Kathleen Lee Ort, Groton, N. Y.  
 Bruce Allen Petkovsek, Lorain  
 Susan Lynn Phillips, East Liverpool  
 Connie Immel Ray, Dundee  
 Karen Marie Ruberto, Niles  
 Thomas Edward Scono, Columbus  
 Alan Howard Snaider, Columbus  
 B.A. (State University of New York at  
 Plattsburg)  
 Catherine Kremin Stephenson, Youngstown  
 Barbara Ann Thissen, Columbus  
 Dawn Marie Trimboli, Galion  
 Phyllis Aninna Wheeler, Mt. Gilead  
 Jeffrey Richard Wiseman, Columbus

## College of Social Work

Dean: Robert O. Washington

### Bachelor of Science in Social Welfare

Paul Don Bonhard, Port Clinton  
 Melia Louise Kern, Delaware  
 Francine Pratt Naphier, Columbus

## Graduates with Honors

### Summa Cum Laude

Margaret Carey Byers  
 Arnold Chonko  
 Robert C. Cochran  
 Susan Roberta Curtis  
 Melanie France  
 Diana Lynne Hill  
 Vicki Horton  
 Jennifer Lee Palmer  
 Kathleen Marie Regan  
 Donna Antram Rice  
 Kathy Kerr Rojewski  
 Barbara Seifert  
 Michael Wesley Suman  
 Pamela Jo Thompson  
 Yvonne Katherine Tromblay  
 Ellen Diane Vavra  
 Arthur Wayne Weber

#### Summa Cum Laude with Distinction in Animal Science

Robert C. Cochran

#### Summa Cum Laude with Distinction in Economics and with honors in the Liberal Arts

James Ernest Brown

### Cum Laude

Sharon Ackley  
 Marcie Sue Adell  
 Sharon Elaine Alley  
 Robert Altmeyer  
 John Ray Barlow  
 Nancy Volz Billings  
 David Burget  
 David Eckhardt  
 Karen Sue Eubank  
 Ann Francis Fenton  
 Diana Lyn Ferich  
 Bruce Furukawa  
 Bonnie Garwood  
 Elaine Lendy Given  
 Dirk Gradner Hehr  
 Dale Hertlein  
 Jay Scott Hollinger  
 Peggy Ann Hunt  
 Barbara Suzanne Jones  
 Timothy Mark Kelly  
 Richard Todd Kemme  
 Debbie Sue Koll  
 John Chester Kurgan  
 Cynthia Sue Legg  
 Mary Susan Lilly  
 Steven Scott Lowe  
 Marcus Lower  
 Melissa Ann Lust  
 Darlene Manley  
 Nancy Jane Mattern  
 James McCann  
 Katherine Murphy  
 Charlsa Riley Norman  
 Clara Marie Paquelet  
 Belinda Jane Paisley  
 Mary Pardee  
 Charles Riley Rauck  
 Renae Marie Roberts  
 Diane Lindner Steacy  
 Lisa A. Stillings  
 William Ticknor  
 Rita Jo Trimble  
 James Allen Vieira  
 Elizabeth Marie Volk  
 Michael Walter Wagner  
 David Woeeste

#### Cum Laude with Distinction in Environmental Education

Michael Edward Magley

#### Cum Laude with Distinction in Medical Technology

Sharon Louise Baehr

#### Cum Laude with Honors in the Liberal Arts

Cynthia Ann Raines

#### With Distinction in Animal Science

William Todd Sutliff

#### With Distinction in Agricultural Economics

Jeffrey Miller

#### With Distinction in Dairy Science

Nancy Secrist

#### With Distinction in Political Science

Michael James Mueller

#### With Distinction in Resource Development

Lynn Marie McConville

#### With Honors in the Liberal Arts

Rose Ellen Faeges  
 Steven Alan Mathless  
 Kimberly Lynne Munsie  
 Rhett David Thurman  
 Keith M. Weiner

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Newark, Ohio, April 4, 1980

The Board of Trustees met at its regular monthly meeting on Friday, April 4, 1980, at The Ohio State University Newark Regional Campus, Newark, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

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Minutes of the last meeting were approved.

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April 4, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM

Resolution No. 80-97

*Synopsis: Resolutions honoring the service of four of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Kevyn F. Deal

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 6, 1979, of Kevyn F. Deal, M.D., Instructor in the Division of Emergency Medicine, Department of Preventive Medicine.

Dr. Deal was a remarkable faculty member who dedicated herself to education and patient care. Despite her grave and unrelenting illness she continued with her utmost strength to inspire and direct the medical student teaching program in our division and to provide exemplary and compassionate care to her patients. She had an indefatigable zest for life, a deep commitment to medicine, and an enduring inner strength. She was a continuing inspiration to those who knew her.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Fred A. Hitchcock

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 15, 1980, of Fred A. Hitchcock, Professor Emeritus and former Acting Chairman in the Department of Physiology. He retired in 1960 after 37 years of dedicated service to the Department of Physiology and the College of Medicine where he held appointments ranging from instructor in 1923 to full professor in 1940.

Born in Akron, Ohio, October 30, 1889, Professor Hitchcock attended the public schools of that city and then Buchtel College, later part of the University of Akron, where he received his Ph.B. in 1912. He received his M.S. in zoology from Ohio State University in 1923 and his Ph.D. in physiology from Ohio State University in 1926.

Before joining the staff of the Department of Physiology at Ohio State University, Fred Hitchcock taught at Barberton High School in 1915-1916; West Military Academy, Illinois, in 1916-1917; and at Indianola Junior High School, Columbus, Ohio, in 1919-1923. After his retirement in 1960 he served as Professor of Physiology at the University of Pennsylvania in 1960 and as a Visiting Professor of Physiology at Pahlavi University in Persia.

April 4, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Fred A. Hitchcock (contd)

Professor Hitchcock was the founder and Director of Laboratory of Aviation Physiology at Ohio State University. He served as a civilian in the U. S. Office of Scientific Research and Development, 1942-1945, while carrying out his pioneering research on the physiological effects of high altitude and the pathological effects of explosive decompression. His research was sponsored by the Office of Naval Research, the Army Surgeon General, the Aviation National Safety Council, and the Air Force Research and Development Command.

Fred Hitchcock published over 100 papers and was honored by being presented with the Tuttle Award of the Aerospace Medical Association for his research in Aviation Medicine. He served as President of that Society in 1956-1957. Dr. Hitchcock was a long-time member of the Council of the American Physiological Society and served as their representative to the American Association for the Advancement of Science. He also served on the editorial boards of the American Journal of Nutrition and the Journal of Astronautics.

Dr. Hitchcock was elected to fellowship by the American Astronautical Society, the Aerospace Medical Association and the American Association for the Advancement of Science. He was an active member of the American Physiological Society, the Society for Experimental Biology and Medicine, the American Institute of Nutrition, the New York Academy of Science, the American Society of Zoologists, the Aerospace Medical Association, and the Rocket Society. He always carried a ticket to the moon in his pocket and said that if he were a little younger when the moon program started he would have qualified as an astronaut.

On behalf of the University, the Board of Trustees expresses to Ms. Dorothy Mees its deep sympathy and sense of understanding in her loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to her as an expression of the Board's heartfelt sympathy.

Edward J. Morrison

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 23, 1980, of Edward J. Morrison, Professor, Academic Faculty of Vocational-Technical Education, College of Education and Senior Research Specialist, Vocational Education, the National Center for Research in Vocational Education.

Dr. Morrison received his Ph.D. degree in clinical psychology from the University of Illinois in June 1960.

Dr. Morrison began his association with The Ohio State University in August of 1967 as a Research Coordinator at the National Center for Research in Vocational Education and concurrent Associate Professorship in the Academic Faculty of Vocational-Technical Education. He served in a wide range of leadership roles until his death in February. As Associate Professor from 1967-1970 and Professor from 1970, Dr. Morrison often served as consultant, speaker, workshop organizer and instructor. He was Chairman of the College of Education's research committee and human subjects review committee; member of the

April 4, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Edward J. Morrison (contd)

College Senate, faculty search, personnel promotion and tenure committees, and advising and examining committees for Ph.D. candidates. At the National Center his responsibilities included development and supervision of research and development programs, review and consultation for research projects, and participation in general management of the National Center addressing such subjects as vocational development and adjustment, instructional systems, development of educational personnel, process of change and diffusion of innovations in education, development of a comprehensive model curriculum for career education, participation in a variety of special task forces, and served in the capacity of Program Director for national planning and policy in vocational education. The future of the field of education has been greatly enhanced by Dr. Morrison's dedication and professional contributions.

Dr. Morrison was a member of the American Association for the Advancement of Science, American Educational Research Association, American Psychological Association, American Vocational Association (Advisory Council 1973), American Vocational Education Research Association (President 1973), National Council on Measurement in Education, Phi Delta Kappa, Psychometric Society, and Advisory Board of the Salvation Army. He conducted consultant services for such organizations as the U. S. Department of Labor, U. S. Office of Education, National Institute of Education, Maryland State Department of Education, Ohio State Department of Education, Marshall University, The State University of New Jersey - Rutgers, University of Kentucky, and University of Minnesota.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Michael Visscher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1980, of Michael Visscher, Assistant Professor in the Department of Economics.

Dr. Visscher received his Professional Engineering degree from the Colorado School of Mines in 1969 and his Ph.D. degree in economics from the University of Virginia in 1975.

Dr. Visscher was an Assistant Professor of economics at The Ohio State University from 1977 until his death. During that time he also served as Visiting Assistant Professor at the University of Virginia (1978) and at Duke University (1979).

Dr. Visscher made a number of important professional contributions, many of which were published in major economic journals. He developed novel models for assessing the welfare implications of alternative pricing models for regulated industries subject to stochastic



April 4, 1980 meeting, Board of Trustees

## **RESOLUTIONS IN MEMORIAM (contd)**

Michael Visscher (contd)

demand. He proposed new equilibrium concepts in location theory which offered considerable insight into the logic of locational adjustments. Most recently he had been undertaking a study of organizational capital which has shed new light on the economic behavior of firms. Dr. Visscher's rigorous, high-quality research had placed him in the front ranks of scholars in the area of industrial organization despite a tragically brief career.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## **PRESIDENT ENARSON'S STATEMENT RECOMMENDING THE NAMING OF FACILITIES FOR JESSE OWENS**

In 1972, The Ohio State University awarded the honorary Doctor of Athletic Arts degree to Jesse Owens in tribute to his accomplishments as an athlete and his services as a humanitarian.

His athletic achievements are legendary. They do not need a detailed recounting here. Yet the mere mention of his name brings to the minds of many two moments perhaps unique in the annals of track and field competition.

We remember that day in 1935 when he set three world records and tied a fourth in a meet against the University of Michigan.

We remember the Berlin Olympics of 1936 when he won four gold medals and in the process destroyed before the world Hitler's myth of racial superiority.

Jesse Owens has been called the champion of the century. As an athlete, he carried the name of this University and this country to new heights of world acclaim. As a friend and advocate of youth, an ambassador for the best that sports has to offer, as a humanitarian in the highest sense of the word, he earned world respect. His life exemplifies the foundation on which The Ohio State University has been built--opportunity and excellence.

As long as there are people who compete in sports, the name of Jesse Owens will be remembered. As long as there are people who contemplate and comprehend the tragic waste of racial discrimination, the life of Jesse Owens will shine as a beacon.

So that his name and his life may stand as a continuing example to this University and to all who will come here in the future, it is with the greatest pleasure that I propose the following:

April 4, 1980 meeting, Board of Trustees

**PRESIDENT ENARSON'S STATEMENT RECOMMENDING THE  
NAMING OF FACILITIES FOR JESSE OWENS (contd)**

First, that the track in Ohio Stadium be named the Jesse Owens Track. In this way his singular achievements as an intercollegiate and Olympic athlete will serve as an enduring inspiration to the thousands who come to the stadium each year.

Second, that the three recreation centers opened by the University in 1976 be renamed in his honor. This recommendation is particularly fitting. Jesse Owens has spent much of his adult life helping young people develop their full potential--as athletes, as students, as human beings. His efforts are directly in keeping with the spirit and purpose for which these recreational facilities were built.

I offer these recommendations to the Board with great personal enthusiasm. We hope these new honors will convey to the family of Mr. Owens a sense of the admiration and continuing affection in which he is held by his alma mater.

**NAMING OF FACILITIES**

Resolution No. 80-98

*Synopsis: Naming of track in Ohio Stadium and the renaming of University Recreation Centers in honor of Jesse Owens is proposed.*

WHEREAS Jesse Owens is one of the most illustrious sons of The Ohio State University; and

WHEREAS his athletic achievements are legendary; and

WHEREAS he is recognized and respected around the world for his accomplishments as an athlete, his contributions as a humanitarian, and for his work in behalf of young people; and

WHEREAS his life exemplifies the most fundamental tenets of this University--opportunity and excellence; and

WHEREAS it is the desire of The Ohio State University that the name of Jesse Owens and the example of his life shall serve as an enduring inspiration to all who come to this campus; and

WHEREAS as a measure of the admiration and continuing affection in which Jesse Owens is held by his alma mater:

NOW THEREFORE

BE IT RESOLVED, That the track in Ohio Stadium be named Jesse Owens Track and that the University Recreation Centers be renamed Jesse Owens Recreation Center North, Jesse Owens Recreation Center South, and Jesse Owens Recreation Center West, and that henceforth these facilities shall be known by these names.

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

April 4, 1980 meeting, Board of Trustees

### NAMING OF FACILITIES (contd)

Mr. Smith: On the buildings that we designated, will there be a bronze plaque?

President Enarson:

Yes, I have asked our planning staff to really turn their best efforts to see that the actual physical sign was first rate in quality. At the moment, I am not prepared to say where the actual sign or signs will be, for example, on the track or on these three facilities. To repeat, we want to really do it right. I would add this thought-- I am certainly not prepared this morning to announce a fund-raising campaign but I would surely hope that sometime in the near future we would find donors prepared to finance a large, high-quality bronze. We do have a small bronze presented to the University.

Mr. Galbreath:

I would strongly support an effort to get a large bronze. This man is a world hero in addition to being from Ohio State.

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President Enarson:

Madam Chairman, I think it might be appropriate to have Mr. Galbreath, who has given very special leadership over the past months as the Chairman of the Health Affairs Committee, present the University Hospitals Board resolution.

### UNIVERSITY HOSPITALS BOARD

Resolution No. 80-99

*Synopsis: Confirmation and approval of nominees to the University Hospitals Board is proposed.*

WHEREAS the Board of Trustees on November 30, 1979 approved the establishment of a University Hospitals Board; and

WHEREAS it has been previously stipulated that "The hospitals board shall be comprised of three members of the university board of trustees and twelve other persons, selected from the general public who shall be appointed by the university board of trustees in consultation with the president"; and

WHEREAS the following named persons have been nominated and selected for appointment to the Hospitals Board for the term as specified:

April 4, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD (contd)

### General Public Members

Name	Term of Appointment
Dean W. Jeffers	3 years
John W. Wolfe	3 years
Charles Y. Lazarus	3 years
Lloyd M. Parks	3 years
Arthur I. Vorys	2 years
John Hodges	2 years
Frank Lomax	2 years
Frieda I. Shirk	2 years
Robert M. Duncan	1 year
Josephine S. Failer	1 year
Morris S. Rosenblum, M.D.	1 year
Wilbur W. Jones	1 year

### Trustee Members

Patricia D. James	1 year
Daniel M. Galbreath	1 year
Edmund C. Redman	1 year

### NOW THEREFORE

BE IT RESOLVED, That the foregoing nominees be confirmed and approved as members of the University Hospitals Board--effective date of appointment May 1, 1980.

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Galbreath:

Madam Chairman, I would like to state further that it seems logical because of the close coordination between the future of our two Boards that we might suggest that our Board meetings for the hospital be on maybe the Thursday afternoon prior to our normal Board meetings which would, therefore, mean a suggested meeting date of May 1 in the afternoon for the convening of this Board. That's a suggestion; we might do it before that but I think it's important to move immediately on that. That's a suggestion for the rest of the Board members. I would say May 1 or sooner if possible.

Mrs. James:

Mr. Galbreath, if you will, I would like to impose upon your time a little longer and ask you if you would serve as acting chairman when the Board meets, until such time as the Board is organized and elects officers.

April 4, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD (contd)

Mr. Galbreath:

I think you and I talked about this a little earlier. I don't think our bylaws say this but by point of strength of our outside members on this Board, I think it is imperative that the eventual chairman of this Board be from the twelve members of the general public, and not from our Board, so I will serve until we get organized.

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### AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 80-100

*Synopsis: Amendments to Bylaws of the Board of Trustees and Rules of the University Faculty are proposed.*

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of an amendment to *Rules of the University Faculty*, as approved on March 8, 1980, by the University Senate:

#### 3335-5-31 Meetings.

- (A) Meetings of the graduate faculty shall be called by the vice provost for research and dean of the graduate school whenever he is so requested by ten per cent of the regular members of the graduate faculty or by a majority of the members present at any regular meeting of the graduate council.
- (B) The vice provost for research and dean of the graduate school shall announce the time, place and purpose of each meeting at least seven days before the date of the meeting. The vice provost for research and dean of the graduate school, or his designee, shall preside at all meetings of the graduate faculty. All actions of the graduate faculty shall be upon a majority vote of the regular members present. In case of a tie vote on any matter before the graduate faculty, the vice provost for research and dean of the graduate school shall cast the deciding ballot. Any action taken pursuant to paragraphs (B) or (C) of rule 3335-5-30 of the Administrative Code shall be proposed at one meeting of the graduate faculty and acted upon at a subsequent meeting called for that purpose.

and

WHEREAS at a previous meeting of the Board, a new vice president's office was created, and in order to bring the *Bylaws of the Board of Trustees and Rules of the University Faculty* up to date, the following amendments are necessary:

April 4, 1980 meeting, Board of Trustees

**AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-1-03 Administration of the university.

(E) The president's staff.

- (1) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, and special assistants.

3335-3-05 President's staff.\*

- (A) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, the vice president for university development, and special assistants.

\*Rule initiated by board of trustees.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the *Bylaws of the Board of Trustees and Rules of the University Faculty* be adopted by the Board of Trustees for inclusion in the next printing of the *Bylaws of the Board of Trustees and Rules of the University Faculty*.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF "THE ARTHUR E. SHEPARD  
DESIGNATED PROFESSORSHIP IN INSURANCE"**

Resolution No. 80-101

*Synopsis: Establishment of "The Arthur E. Shepard Designated Professorship in Insurance" is being proposed.*

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

April 4, 1980 meeting, Board of Trustees

**ESTABLISHMENT OF "THE ARTHUR E. SHEPARD  
DESIGNATED PROFESSORSHIP IN INSURANCE" (contd)**

WHEREAS a gift to The Ohio State University Development Fund from Arthur E. Shepard, CLU, of Columbus, Ohio, has been received; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income is to be used to provide support for the work of a distinguished teacher and scholar and appointment to the Shepard Professorship will be recommended by the Dean of the College of Administrative Science to the Provost, and approved by the Board of Trustees; and

WHEREAS a "Designated Professorship" will be established initially and at such time as sufficient funds are made available, the faculty position will be converted to an "Endowed Professorship"; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for insurance education:

**NOW THEREFORE**

BE IT RESOLVED, That "The Arthur E. Shepard Designated Professorship in Insurance" be established in accordance with the wishes of the donor; and

BE IT FURTHER RESOLVED, That at such time as the principal of this fund should reach the level of support for an "Endowed Professorship" that this professorship be changed from a "Designated Professorship" to an "Endowed Professorship."

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**JOSEPH SULLIVANT MEDAL AWARD**

Resolution No. 80-102

*Synopsis: The awarding of the Joseph Sullivant Medal is recommended.*

WHEREAS the Joseph Sullivant Medal is awarded once every five years as a memorial to the eminent services of Joseph Sullivant who, as a member of the first Board of Trustees, contributed significantly in determining the character and future of The Ohio State University; and

April 4, 1980 meeting, Board of Trustees

**JOSEPH SULLIVANT MEDAL AWARD (contd)**

WHEREAS pursuant to the procedure established by this Board of Trustees, nominations for the award were referred through the Dean of the Graduate School to a Board of Award appointed by the President; and

WHEREAS after a careful review of all nominations this Board of Award recommended to the President that Dr. Robert H. Bremner, Department of History, be the recipient of this award; and

WHEREAS the President, in support of this recommendation and on behalf of the Board of Trustees, authorized the granting of this medal at the Faculty Awards Ceremony on April 23, 1980:

NOW THEREFORE

BE IT RESOLVED, That the Joseph Sullivan Award be presented in accordance with the provisions for granting this award.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPRINTED BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 80-103

*Synopsis: The reprinted Bylaws of the Board of Trustees and Rules of the University Faculty is presented for adoption.*

WHEREAS the publication entitled *Bylaws of the Board of Trustees and Rules of the University Faculty* has been reprinted to conform to the changes approved by the Board of Trustees since the last publication in May 1979; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the *Bylaws of the Board of Trustees and Rules of the University Faculty* dated April 1980 be adopted as the official publication of the Board of Trustees.

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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April 4, 1980 meeting, Board of Trustees

## PERSONNEL ACTIONS

Resolution No. 80-104

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, Emeritus Titles and an across-the-board increment of \$360 to the 1979-80 salary for all regular faculty and administrative and professional employees are recommended for approval.*

WHEREAS pursuant to a report titled, "Budget Guidelines for 1980-81" which was presented to the Fiscal Affairs Committee in the March 7, 1980 meeting, the President recommended a \$360 increase to the salaries of regular faculty and administrative and professional staff for 1979-80:

### NOW THEREFORE

BE IT RESOLVED, That the \$360 increment be paid in two installments - \$270 as of March 31 and \$90 on June 30, 1980; and

BE IT FURTHER RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 7, 1980 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

### Appointments

Name: JULIUS S. GREENSTEIN  
Titles: Dean and Director of The Ohio State University Newark Campus and Professor, Department of Zoology (Newark Regional Campus)  
Effective: July 1, 1980  
Salary: \$44,040.00 (12-month)  
Present Position: Dean, School of Mathematics and Natural Sciences and Director, Center for Science and the Citizen, Shippensburg State College

Name: SUE T. KINDRED  
Title: Director, Affirmative Action  
Office: President  
Effective: Immediately  
Salary: \$29,640.00 (12-month)  
Present Position: Acting Director, Affirmative Action, Office of the President

Name: CHARLES FRAZER HERMANN  
Titles: Director, Mershon Center for Education in National Security and Professor, Department of Political Science  
Effective: May 1, 1980  
Salary: \$46,500.00 (12-month)  
Present Positions: Acting Director, Mershon Center for Education in National Security and Professor, Department of Political Science

April 4, 1980 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Appointments (contd)

Name:	PETER-NOEL WEBB
Titles:	Professor and Chairman
Department:	Geology and Mineralogy
Effective:	August 1, 1980
Salary:	\$47,640.00 (12-month)
Present Positions:	Chairman and Professor, Department of Geology, Northern Illinois University, De Kalb, Illinois

### Leaves of Absence Without Salary

TIMOTHY E. GREGORY, Associate Professor, Department of History, effective October 1, 1980 through September 30, 1981, to serve as the Samuel H. Kress Professor of Hellenic Studies in Athens, Greece.

LINDA G. HOWARD, Associate Professor, College of Law, effective April 1, 1980 through September 30, 1980, to serve on the White House staff.

MARTHA S. ALT, Assistant Professor, University Libraries, effective April 15, 1980 through October 14, 1980, for personal reasons.

SHERRILL DEAVER, Assistant Professor, Department of Anthropology (Mansfield Campus), effective October 1, 1980 through September 30, 1981, to conduct field work in Liberia and Western United States.

ABDALLA ELJACK, Assistant Professor, Department of Veterinary Anatomy, effective July 1, 1980 through June 30, 1981, to assist the new College of Veterinary Medicine in Tripoli, Libya.

JOANN S. DONOHUE, Instructor, Department of Communication, effective April 16, 1980 through September 15, 1980, for personal reasons.

SARAH B. MAXWELL, Instructor, School of Nursing, effective February 10, 1980 through February 24, 1980, for personal reasons.

### Professional Improvement Leaves

EMILIO CASETTI, Professor, Department of Geography, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

FRANK L. HIMES, Professor, Department of Agronomy, effective Winter Quarter 1981 and Spring Quarter 1981.

JOSEPH KONCELIK, Professor, Department of Industrial Design, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

April 4, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Professional Improvement Leaves (contd)

STANLEY K. LAUGHLIN, JR., Professor, College of Law, effective Autumn Quarter 1980.

DONALD O. PARSONS, Professor, Department of Economics, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

POPAT N. PATIL, Professor, College of Pharmacy, effective Summer Quarter 1980, Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

THOMAS V. BATTENBERG, Associate Professor, School of Music, effective Autumn Quarter 1980.

CLYDE H. DILLEY, Associate Professor, Department of Photography and Cinema, effective Winter Quarter 1981 and Spring Quarter 1981.

GARETH E. GILBERT, Associate Professor, Department of Botany, effective Summer Quarter 1980 and Autumn Quarter 1980.

JOHN C. HUNTINGTON, Associate Professor, Department of History of Art, effective Spring Quarter 1981.

BURKHARD VON RABENAU, Associate Professor, Department of City and Regional Planning, effective Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981.

MARY R. TOLBERT, Associate Professor, Academic Faculty of the Arts in Education, effective Autumn Quarter 1980.

#### Emeritus Titles

ROBERT H. BREMNER, Department of History, with the title Professor Emeritus, effective April 1, 1980.

GARVIN L. VON ESCHEN, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective April 1, 1980.

MALCOLM L. GARDNER, Department of Psychiatry, with the title Associate Professor Emeritus, effective July 1, 1980.

JOHN H. MUSCHICK, School of Music, with the title Associate Professor Emeritus, effective February 1, 1980.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 4, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-105

*Synopsis: The report on contracts, grants and gifts and the summary for February are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

### NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of February 1980, be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

### SUMMARY FOR FEBRUARY 1980

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 6,788.92
The Ohio State University Research Foundation	49	11,341,146.00
Engineering Experiment Station	47	43,345.00
		\$11,391,279.92

	January 1980	
The Ohio State University Development Fund	977 Donors	\$ 187,444.94

	February 1980	
The Ohio State University Development Fund	3,276 Donors	\$ 907,562.13

### Establishment of Named Funds

The Jack A. Donahue Endowment Fund (Visiting Lectureship in Academic Faculty of Marketing)	\$ 12,753.72
Leo L. Rummell Endowed Scholarship Fund (College of Agriculture)	\$ 10,000.00

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR FEBRUARY 1980 (contd)**

**Report from Presidents Club**

Members to date	3,595
1980: year to date	209
New members - February 1980	144

**New Presidents Club Members - February 1980**

John M. Adams	Roger G. DeLong
James P. Allen	Andrew W. Demkee
Dale M. Anderson	Dale M. Dickerson
Anonymous	Richard M. Dodsworth
Mark A. Bainbridge	Patrick J. Fahey
John R. Barnes	Deborah A. Fass
Edward S. Basinger	James S. Flower
John R. Batcheck	George Gaylord
Barbara N. Berman	William J. Gesling
Raymond E. Best	John E. Gills
Barry S. Blank	Thomas F. Graham
Harley M. Blank	John C. Gray
Allen I. Bloomberg	Carolyn T. Haas (Mrs. P. David)
Samuel R. Broomall	Joseph A. Haase
Charles E. Brown	Hewitt Harmount
Jeffrey L. Brown	Fred J. Haupt
Stephen D. Brown	Francis E. Hazard
Wilbur H. Bruner	Lloyd F. Helber
Robert E. Bulen	James A. Henderson
Jack O. Bull	Alven L. Herstig
Martha F. Bullock (Mrs. Joseph)	Benjamin F. Hoagland III
Jenie L. Burke, Jr.	Stephen M. Horn
W. Scott Carson	Heinz E. Ickert
Charles W. Claggett	Mark A. Jackson
Bruce G. Clark	I. Eugene Jared
Thomas C. Coady	George L. Jenkins
Irma M. Cooper	Floyd L. Jordan
James K. Corwin	Constantine Kademonos
Joseph P. Cowin	Dale E. King
Connie Cox (Mrs. John E.)	Harry S. King
John E. Cox	Howard L. Kimberly
Norman T. Crout	John H. Lahey
Katherine J. Daum (Mrs. Alan)	John A. Latch
Jeffrey A. Davidson	Kenneth J. Lazear
Edwin G. Davy	Daniel W. Lease
Veletta J. DeBoer	Gary J. Lehane

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR FEBRUARY 1980 (contd)**

**New Presidents Club Members - February 1980 (contd)**

Saul Levy	Charles L. Ream
Robert L. Lindamood	Doris B. Richard
Bruce L. Lipton	Michael J. Riley
Margaret P. Lowman (Mrs. Walker)	Keith L. Rinehart
W. Whitsett Luce	Clifford Rose
William F. Lyon	John E. Ruch
Theodore J. Maag	James S. Ryan
Douglas R. Malcolm	Robert L. Shank
Mitchell V. Massey	Bess J. Sieving
Richard W. Maxwell	Julana L. Snyder
Randall E. McCoy	Richard M. Snyder
Howard J. Mellon	Richard S. Snyder
Felice Mendell	Donald R. Sprowls
Robert G. Miller	Hazeldean Stent
David B. Mitchell	Jo Ann Hatch Stevens
James K. Mitchell	Cristine A. Strovilas
Gary M. Mooney	Dennis H. Swenson
Richard M. Morrow	Edward L. Taris
Samuel Natoli	Hal H. Taylor, Jr.
Michael M. Neal	Willis G. Telljohann
Willey E. Nesbitt	Ruth C. Tootle (Mrs. Richard T.)
Donald O. Nofzinger	Barbara W. Turner (Mrs. Richard)
Robert J. Nordstrom	Harvey R. Vesha
James E. Oddi	William F. Waddle
R. Randall Ogg	Joe K. Ward
James E. Palmer	William E. Ward
Thomas F. Park	Rodney Wasserstrom
Paul E. Perry	Helen P. Watkins
Roger C. Perry	John S. Watson
Catherine A. Phillips	Daniel S. Wigton
Donald A. Poirier	John A. Williams
Todd W. Prasher	Tennyson Williams
Gene Probasco	Geary S. Willis
Virginia H. Rader (Mrs. James B.)	Charles D. Winslow
Susanne G. Ray (Mrs. John W.)	George D. Winslow
Lou Ann Read	Wilfred C. Wood

April 4, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **OFFICE OF BUSINESS AND ADMINISTRATION**

#### **Federal Research Contract/Grant**

\$5,000.00 - Small Business Administration, Washington, D. C., Small Business Institute, January 1, 1980 through September 30, 1980, Academic Faculty of Management Science.

#### **State of Ohio Research Contract/Grant**

\$1,788.92 - Southeastern Ohio Technical Education Consortium, Marietta, Ohio, Introduction to Animal Science - Washington Technical College, January 1, 1980 through March 31, 1980, College of Agriculture and Home Economics.

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$5,544,000.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Center for Research in Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1980 through 31 January 1981. (Project 761008 - Continuation)

\$3,288,274.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1980 through 30 September 1981. (Project 760081 - Continuation)

\$548,120.00 - United States Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in Vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (R. W. Hart), College of Pharmacy (D. T. Witiak), and Department of Veterinary Pathobiology (A. Koestner), 26 December 1979 through 25 December 1980. (Project 761447 - Continuation)

\$325,264.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 October 1979 through 30 September 1980. (Project 760914 - Continuation)

\$284,710.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1980 through 31 December 1980. (Project 761083 - Continuation)

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$158,996.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Characterization of the Chemical Constitution and Profile of Pharmacological Activity of PGB<sub>x</sub>, College of Pharmacy (R. W. Doskotch, A. M. Burkman and D. D. Miller), 1 January 1980 through 31 December 1980. (Project 761474 - Continuation)

\$79,254.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1980 through 31 January 1981. (Project 762589 - Continuation)

\$77,464.00 - Department of Health, Education, and Welfare, Office of Human Development Services, Administration for Children, Youth and Families, Washington, D. C., Identification, Management and Prevention of Child Abuse and Neglect in Residential Facilities, College of Social Work (N. Rindfleisch and K. Kilty), 1 January 1980 through 31 December 1980. (Project 762019 - New)

\$75,953.00 - National Science Foundation, Washington, D. C., Toward More Complicated Computer Imagery, Department of Computer and Information Science (F. C. Crow), 15 January 1980 through 31 January 1981. (Project 762017 - New)

\$74,997.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Advanced Adaptive Antenna Techniques, ElectroScience Laboratory, Department of Electrical Engineering (R. T. Compton), 11 February 1980 through 10 February 1981. (Project 762039 - New)

\$63,226.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Experimentally Induced Mucoid Enteritis in Rabbits, Department of Veterinary Preventive Medicine (S. Targowski), 1 March 1980 through 28 February 1981. (Project 762041 - New)

\$62,282.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 March 1980 through 28 February 1981. (Project 761528 - Continuation)

\$56,100.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 15 February 1980 through 28 February 1981. (Project 762023 - Continuation)

\$54,106.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1980 through 30 June 1981. (Project 761663 - Continuation)



April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$47,120.00 - National Science Foundation, Washington, D. C., Investigations of Ferrar Group Rocks and Mt. Erebus, South Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (P. R. Kyle), 1 June 1980 through 31 May 1981. (Project 761127 - Continuation)

\$44,410.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Vibration Analysis of Turbine Engine Blades, Department of Engineering Mechanics (A. W. Leissa), 1 May 1980 through 30 April 1981. (Project 762029 - New)

\$40,000.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, RCS Studies of Jet Intakes, ElectroScience Laboratory, Department of Electrical Engineering (P. Pathak), 1 April 1980 through 30 September 1980. (Project 762016 - New)

\$36,279.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hormones and Breast Cancer Prostaglandin Biosynthesis, Department of Surgery (J. P. Minton), 1 March 1980 through 28 February 1981. (Project 761413 - Continuation)

\$34,144.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Improvement of Knowledge Regarding the Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science (R. H. Rapp), 1 March 1980 through 28 February 1981. (Project 760056 - Continuation)

\$29,995.00 - National Aeronautics and Space Administration, Washington, D. C., The Infrared Spectral Analysis of CF<sub>2</sub>Cl<sub>2</sub>: Application to Atmospheric Detection and Abundance Measurements for Planned In-Site Experiments, ElectroScience Laboratory, Department of Electrical Engineering (R. J. Nordstrom), 1 February 1980 through 31 January 1981. (Project 762028 - New)

\$29,951.00 - National Science Foundation, Washington, D. C., Morphology and Evolution of Paleozoic Marattialeans Ferns, Department of Botany (T. N. Taylor and M. A. Millay), 1 March 1980 through 28 February 1981. (Project 762043 - New)

\$24,000.00 - National Endowment for the Humanities, Washington, D. C., Classical Subjects in Two-Year Colleges, Department of Classics (M. P. O. Morford), 1 January 1980 through 31 December 1980. (Project 760297 - Continuation)

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$24,000.00 - National Science Foundation, Washington, D. C., Fucose Synthesis and Utilization in Mammalian Tissue, Department of Biochemistry (G. S. Serif), 1 March 1980 through 28 February 1981. (Project 762042 - New)

\$20,200.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Polarstar Formation Ellsworth Mountains, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (J. W. Collinson), 1 August 1980 through 31 July 1981. (Project 761770 - Continuation)

\$12,989.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 February 1980 through 30 November 1980. (Project 762024 - New)

\$4,591.00 - Department of Health, Education, and Welfare, Office of Education, Grants and Procurement Management Division, Washington, D. C., Vocational-Technical Education Leadership Development, Graduate School Administration (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller), 1 September 1978 through 31 August 1979. (Project 761272 - Continuation)

\$2,800.00 - National Endowment for the Arts, Washington, D. C., Work Intern Fellowship, Newark Campus (R. Sandell), 21 January 1980 through 16 May 1980. (Project 762030 - New)

\$2,400.00 - Department of the Interior, Geological Survey, Water Resources Division, Columbus, Ohio, Data Analysis Assistance to U. S. Geological Survey, Water Resources Center, Engineering Experiment Station (R. C. Stiefel), 20 February 1980 through 30 June 1980. (Project 762045 - New)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$11,045,625.00**

**State of Ohio Research Contracts/Grants**

\$57,985.00 - The Ohio Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 October 1979 through 30 June 1980. (Project 761399 - Continuation)

\$12,000.00 - Ohio Historical Society, Columbus, Ohio, Historical Preservation Office, Lima Campus (J. S. Biddle), 1 February 1980 through 31 January 1981. (Project 762046 - New)

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$11,981.67 - Ohio Department of Highway Safety, Columbus, Ohio, Instructor Preparation Workshop, Driver Training of the Handicapped, Continuing Education Non-Credit Programs (D. E. Crawford and M. K. Bright), 22 January 1980 through 15 March 1980. (Project 762021 - New)

\$10,746.00 - The Ohio Program in the Humanities, Columbus, Ohio, Black Film Festival: Four Views of the Black Experience, Telecommunications Center (M. Mottler), 14 December 1979 through 30 April 1980. (Project 761979 - New)

\$9,500.00 - Ohio Commission on Aging, Columbus, Ohio, Network of Educational Consultants: 1979-80 Meetings, Mansfield Campus (D. L. Clark), 1 October 1979 through 30 September 1980. (Project 762025 - New)

\$7,523.33 - State of Ohio, Department of Education, Columbus, Ohio, Advanced Workshop for Driver Education Teachers of the Handicapped, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 30 September 1980. (Project 762022 - New)

\$5,000.00 - Ohio Historical Society, Columbus, Ohio, Regional Preservation 7HA, Mansfield Campus (R. L. Wink and S. McQuillin), 15 January 1980 through 30 September 1980. (Project 762005 - Continuation)

\$3,772.00 - Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (D. T. Hughes and W. Dancey), 1 December 1979 through 30 September 1980. (Project 761871 - Continuation)

\$496.00 - Ohio Arts Council, Columbus, Ohio, Philosophy of Art Education Symposium, Department of Art Education (R. A. Norris), 23 January 1980 through 31 March 1980. (Project 762037 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS**

**\$119,004.00**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$53,765.00 - State of Indiana, Office of Occupational Development, Indianapolis, Indiana, Indiana Vocational Technical Education Study, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 30 September 1980. (Project 762040 - New)

\$31,340.00 - Mallinckrodt, Inc., St. Louis, Missouri, Evaluation of the Limulus Lysate Assay for the Presumptive Diagnosis of Gonococcal and Nongonococcal Disease in Males, Department of Medicine (R. B. Prior and V. A. Spagna), 1 January 1980 through 31 December 1980. (Project 762018 - New)

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$30,000.00 - Sport Fishing Institute, Washington, D. C., Evaluation of Post-Impoundment Wildlife Resources at Deer Creek Reservoir in 1980, Department of Zoology (J. R. Bart), 1 March 1980 through 31 January 1981. (Project 762034 - New)

\$22,225.00 - Ohio Farm Bureau Development Corporation, Columbus, Ohio, Sludge Disposal on Farm Lands - An Epidemiologic Evaluation of the Risk of Infection, Department of Medical Microbiology (V. V. Hamparian) and Department of Preventive Medicine (R. Lanese and W. Bashe, Jr.), 1 October 1979 through 30 September 1980. (Project 760953 - Continuation)

\$21,232.00 - Anaconda Copper Company, Denver, Colorado, Evaluating the Use of Zeolite in Poultry Diets, Department of Poultry Science (D. Latshaw), 15 February 1980 through 15 July 1980. (Project 762026 - New)

\$9,121.00 - Hancock Laboratories Incorporated, Anaheim, California, Evaluation of Philips Cardioplegia Catheter, Department of Surgery (J. F. Cornhill), 1 February 1980 through 30 June 1980. (Project 762032 - New)

\$3,000.00 - The Columbus Foundation, Columbus, Ohio, Ohio Commission for Children's Statewide Conference on Children's Needs, Continuing Education Non-Credit Programs (D. E. Crawford and J. Herold), 1 November 1979 through 31 October 1980. (Project 762027 - New)

\$2,779.00 - Gallaudet College, Washington, D. C., Preparation of Audio/Visual Material for Deaf and Hearing Impaired Children, Department of Art Education (C. Csuri), 4 February 1980 through 14 March 1980. (Project 762033 - New)

\$2,000.00 - Sinclair Community College, Dayton, Ohio, and School of Technical Careers, Southern Illinois University at Carbondale, Carbondale, Illinois, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$405.00 - Greater Columbus Arts Council, Columbus, Ohio, Logan Elm Press Audience Development, Department of Art Education (K. Marantz), 1 February 1980 through 15 March 1980. (Project 762036 - New)

\$325.00 - Charleston County School District, Charleston, South Carolina, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 31 March 1980. (Project 768026 - New)

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$325.00 - School District No. 2 of Richland County, Columbia, South Carolina, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 December 1979 through 31 December 1979. (Project 768027 - New)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$176,517.00</b>
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**ENGINEERING EXPERIMENT STATION**

**Sponsored Development Projects**

\$43,345.00 from various sponsors for 47 development projects.

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$90,000.00 - E. I. du Pont de Nemours & Company, Wilmington, Delaware: \$24,000.00 for du Pont Fund for Research in Chemistry; \$16,000.00 for du Pont Fund for Mechanical Engineering; \$12,500.00 for du Pont Occupational and Environmental Health Grant; \$12,000.00 for Affirmative Action Program in Engineering Fund; \$12,000.00 for du Pont Fund for Research in Chemical Engineering; \$10,000.00 for du Pont Young Faculty Grant; and \$3,500.00 for du Pont Business Grant.

\$75,000.00 - Estate Under the Will of Elizabeth F. Wening, Fort Lauderdale, Florida, for Herman E. and Elizabeth F. Wening Memorial Scholarship Fund.

\$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Battelle/Ohio State University Partnership in Engineering Education Fund.

\$14,506.97 - Retinal Consultants, Inc., Columbus, Ohio, for Retina Research Fund.

\$10,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Affirmative Action Program in Engineering Fund.

\$10,000.00 - The Merck Company Foundation, Rahway, New Jersey, for Medicine-Clinical Pharmacology Fund.

\$10,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania, for Advanced Design Methods Laboratory-Mechanical Engineering Fund.

April 4, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$10,000.00 - The Wasserstrom Company, Columbus, Ohio, for Canter's Cave 4-H Camp Fund.

\$8,819.19 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$7,951.55 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$7,439.00 - American Hoechst Corporation, Bridgewater, New Jersey, for Infectious Disease Research Fund.

\$7,435.20 - Ives Laboratories, Inc., New York, New York, for Cardiovascular Research Fund.

\$6,800.00 - Marion Area College Foundation, Inc., Marion, Ohio, for Marion Campus Scholarship Fund.

\$6,500.00 - Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

\$5,500.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for Bio-Catalytic Soil Conditioners Research Fund.

\$5,000.00 - Diamond Shamrock Corporation, Cleveland, Ohio, for Early Start Program.

\$5,000.00 - New York Yankees, Bronx, New York, for Department of Athletics Discretionary Fund.

\$5,000.00 - Pioneer Hi-Bred International, Inc., Des Moines, Iowa, for Special NC-151 Fund.

\$5,000.00 - Wolfe Associates, Inc., Columbus, Ohio, for John W. Bricker Named Professorship in the College of Law.

**Gifts-in-Kind**

\$32,500.00 - Roy J. Karmosky, Winterville, Ohio, an American Saddlebred Stallion to be used in the College of Agriculture.

\$10,017.00 - Edgar P. Haudenschild, Loudonville, Ohio, 371 shares of Midwestern Fidelity Corp. stock, for Presidents Club Special Fund.

\$8,926.60 - Patrick J. Fahey, M.D., Columbus, Ohio, 100 shares of American Hospital Supply and 40 shares of Teledyne, Inc., for Thomas E. Rardin Family Practice Center Fund.

April 4, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds**

##### **The Jack A. Donahue Endowment Fund**

The Jack A. Donahue Endowment Fund was established April 4, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of the late Jack A. Donahue, B.S.Bus.Adm. '68.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the case dictates.

The annual income is to be used to fund an annual visiting lectureship in the Academic Faculty of Marketing, College of Administrative Science. Each year a marketing practitioner is to be invited to campus to speak to and meet with marketing students at all levels, as deemed appropriate by the chairperson of the marketing faculty. Additionally, income from this fund may be used to support student marketing research projects, at the graduate and undergraduate level, for individual student or class projects, at the discretion of the marketing faculty chairperson.

Should the need for this lectureship cease to exist or the need for the fund so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with the preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for marketing education.

##### **Leo L. Rummell Endowed Scholarship Fund**

The Leo L. Rummell Endowed Scholarship Fund was established April 4, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Leo L. Rummell, former Dean of the College of Agriculture and Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the case dictates.

The annual income from the principal will be used to provide a scholarship for a student in the College of Agriculture who has a minor, or demonstrated interest, in agricultural journalism. The Dean of the College of Agriculture, in conjunction with the Director of Student Financial Aids, will be responsible for the selection of the recipient of the scholarship.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural journalism education.

April 4, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 80-106

*Synopsis: Contracts have been awarded for the project enumerated below to the lowest and best bidders in accordance with University procedures.*

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

**ST. JOHN ARENA, EXPANSION OF LOCKER ROOM FACILITIES**

Description: Expansion of locker room facilities to accommodate increased programs offered by Department of Athletics.

**General Contract**

Date Received:	March 25, 1980
No. of Bids:	10
Low Bid:	\$ 89,400.00*
High Bid:	\$142,300.18*
Estimate of Cost:	\$126,878.00*
Awarded to:	RossLin Construction and Maintenance Co. (Columbus, Ohio)

**Plumbing Contract**

Date Received:	March 25, 1980
No. of Bids:	8
Low Bid:	\$ 33,000.00*
High Bid:	\$ 61,700.00*
Estimate of Cost:	\$ 53,393.00*
Awarded to:	Systems Mechanical Contractors (Columbus, Ohio)

\* Recommended alternates reflected in these figures.



April 4, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ST. JOHN ARENA, EXPANSION OF LOCKER ROOM FACILITIES (contd)**

**Heating, Ventilating and Air Conditioning Contract**

Date Received:	March 25, 1980
No. of Bids:	4
Low Bid:	\$ 56,569.00
High Bid:	\$ 82,200.00
Estimate of Cost:	\$ 48,215.00
Awarded to:	R. H. Reeb Plumbing and Piping Co. (Columbus, Ohio)

**Electrical Contract**

Date Received:	March 25, 1980
No. of Bids:	9
Low Bid:	\$ 12,833.00*
High Bid:	\$ 22,320.00*
Estimate of Cost:	\$ 19,186.00*
Awarded to:	Electric Consulting and Design (Columbus, Ohio)

**Total All Contracts: \$191,802.00**

**Total Contingency Allowance: \$ 26,452.25 which is 13.8 per cent of construction costs**

**Total Project Cost: \$245,000.00**

**Funding: Budget Account 885106 (Athletics)**

**\*Recommended alternates reflected in these figures.**

**NOW THEREFORE**

**BE IT RESOLVED,** That pursuant to the action previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the project listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 4, 1980 meeting, Board of Trustees

### **TREASURER'S BOND**

Resolution No. 80-107

*Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.*

WHEREAS Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines; and

WHEREAS the Board of Trustees has determined that a bond of \$3,000,000 per incident will be adequate protection for the probable amount that realistically will be under the Treasurer's control in any one year:

NOW THEREFORE

BE IT RESOLVED, That the bond of James W. Kristoff, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$3,000,000.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **EASEMENT - CITY OF COLUMBUS**

Resolution No. 80-108

*Synopsis: Request for authorization to grant an easement to the City of Columbus over University-owned property that abuts the west edge of North High Street between Lane Avenue and Eleventh Avenue.*

WHEREAS the University has received a request for an easement from the City of Columbus for the purpose of placing electric lines underground, approximately eight feet west of the present curb line, and designation of the area parallel to and west of the relocated street lighting poles as a bicycle path; and

WHEREAS the departments of Campus Planning and Physical Facilities of The Ohio State University have reviewed the plans for this project and recommend that said property be utilized as requested; and

WHEREAS it is anticipated that the traffic flow pattern of vehicular, bicycle, and pedestrian traffic will become less congested, more efficient, and safer; and

WHEREAS the electric lines are needed to supply electric power to the street light poles in order to ensure that the sidewalk on the east border of The Ohio State University campus is properly illuminated:

April 4, 1980 meeting, Board of Trustees

**EASEMENT - CITY OF COLUMBUS (contd)**

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of the Department of Administrative Services, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Hilliker, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PARTIAL RECONVEYANCE OF MT. SHASTA, CALIFORNIA, PROPERTY**

Resolution No. 80-109

*Synopsis: Partial reconveyance of Mt. Shasta, California, property is being proposed.*

WHEREAS the University Endowment Fund was given three properties in Mt. Shasta, California; and

WHEREAS the properties were sold in January 1976, for \$45,000 of which, \$30,000 was evidenced by a deed of trust; and

WHEREAS monthly payments have reduced the balance to \$21,424.48 as of February 1980; and

WHEREAS the owners are requesting the release of one of the parcels and would leave two parcels of real estate estimated to be worth \$97,000 securing the University's (in name of Board of Trustees) deed of trust; and

WHEREAS the sellers are willing to reduce the balance due on the loan by \$10,000 and pay off the loan within two years in return for the release of the parcel:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration or the Treasurer be authorized to sign all documents necessary to reconvey the property known as Parcel III described in Exhibit A of the University's (in name of Board of Trustees) deed of trust recorded in Volume 748, page 316, of the official records of Siskiyou County, California, on January 23, 1976 to the Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 4, 1980 meeting, Board of Trustees

**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 80-110

RESOLVED, That the report on the University's Investment Portfolio, dated March 21, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**COMMENTS - MRS. JAMES**

Mrs. James:

For those of you who are attending your first Board meeting, it may appear to you that we move through the agenda pretty quickly without too much discussion. I would like to point out to you that we did have our committee meeting--fiscal affairs--in the other room which was open to all of you and these matters were discussed. Questions were asked about various people in the administration so that the Trustees did feel confident in passing these resolutions. So on main campus our visitors usually are familiar with this particular procedure, but I wanted to be sure that you understood it. We do care about our University, and we do discuss the issues, and we don't just simply pass resolutions.

I'd also like to say that we are very pleased to be with you today, and we always look forward to meeting with people on our regional campuses so that we can better educate ourselves as to what's going on and that you become more to us than just items on pieces of paper. I'm sure we'll have a good afternoon, and we're looking forward to the luncheon.

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Thereupon the Board adjourned to meet Friday, May 2, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 2, 1980

The Board of Trustees met at its regular monthly meeting on Friday, May 2, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, and Edmund C. Redman.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

May 2, 1980 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel-related issues.

Present: Patricia D. James, Chairman, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Edmund C. Redman.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

### **ELECTION OF OFFICERS BOARD OF TRUSTEES**

Resolution No. 80-111

Mr. Hilliker presented the following:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following the adjournment of the meeting (May 2, 1980) and shall hold their office through the May 1981 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1980-81 be elected:

Chester Devenow, Chairman

Warren J Smith, Vice Chairman

Madison H. Scott, Secretary

James W. Kristoff, Treasurer

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### **RESOLUTIONS IN MEMORIAM**

Resolution No. 80-112

*Synopsis: Resolutions honoring the service of two of this University's faculty members and a former member of the Board of Trustees who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

May 2, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Winston E. Dunham

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1980, of Dr. Winston E. Dunham, Associate Professor Emeritus, Department of Entomology, College of Biological Sciences.

Dr. Dunham was born in Bethel, Vermont, on February 8, 1903. He became interested in honeybees as a farm boy and was later employed as an Apiarist in the Champlain Valley. Dr. Dunham obtained his B.S. degree from the University of Vermont in 1925 where he majored in Agronomy. He came to The Ohio State University in March, 1926, as an Instructor in the Department of Zoology and Entomology. The following June he received his M.S. degree, and in 1930, his Ph.D. degree, both from The Ohio State University.

For many years Dr. Dunham divided his time between teaching at The Ohio State University, research at the Ohio Agricultural Experiment Station, and as a Specialist in the Ohio Cooperative Extension Service. After a long and meritorious career in teaching and research in Apiculture, he retired June 30, 1962.

His studies of colony temperatures within the hive, the modified two-queen system for honey production and pollination in alsike and red clover are a few of his many contributions involving a scientific approach to managing honeybees.

Dr. Dunham served as Field Assistant and Entomologist with the U. S. Department of Agriculture in clover seed production research. He also served as Chairman of the Apiculture Section of the Entomological Society of America. During the late twenties and thirties, he served as Secretary of the Ohio Beekeeper's Association. In 1963 he became President of the Honeybee Improvement Cooperative Association.

Following retirement in 1962, he and his son Norman operated the Deer Creek Honey Farm near London, Ohio.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

William A. Stephen

The Board of Trustees of The Ohio State University expresses its sorrow upon the April 2, 1980, of William A. Stephen, Professor Emeritus, Cooperative Extension S

Professor Stephen was born July 19, 1906, at Cedarville, Ontario, Canada, and grew up on his parents' farm where he had his first contact with honeybees. His higher education was obtained at North Bay Normal School, Ontario Agricultural College, University of Toronto, University of Wisconsin and University of Berlin. After teaching elementary school for four years, he was in charge of Apiary Products Investigation in the Central Experimental Farms Branch, Ottawa, Ontario.

## RESOLUTIONS IN MEMORIAM (contd)

### William A. Stephen (contd)

Professor Stephen began his extension service career in 1947 at North Carolina State University where he taught beekeeping to mountaineers, commercial beekeepers and hobbyists. On July 1, 1963 he moved to Ohio State as an Extension Specialist in Apiculture where he traveled over the state organizing and conducting short courses in apiculture for the interested public. Above and beyond his formal responsibilities, Professor Stephen was always available to answer questions for students and beekeepers. He also taught a formal course in apiculture at The Ohio State University which provided the students an opportunity to personally manage a colony of honeybees throughout the spring quarter.

Following his retirement June 30, 1973, he accepted an assignment in Greece teaching beekeeping at the American Farm School at Thessaloniki. He and his wife Beth were internationally minded. They visited Europe many times, and a few years ago they traveled around the world spending considerable time in Australia and New Zealand. They were often gracious hosts of many foreign visitors.

On behalf of the University, the Board of Trustees expresses to the family of Professor Stephen its deepest sympathy in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

### Warner M. Pomerene

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 30, 1980, of Warner M. Pomerene, a loyal alumnus and benefactor of this University and a member of its Board of Trustees from 1943-51.

Born May 5, 1893, in Coshocton, Ohio, he was a member of a family long associated with the history of the University. His parents, William R. and Annie Warner Pomerene, had attended Ohio State during its early years, and his uncle, Frank E. Pomerene, for whom Pomerene Hall is named, also had been a Trustee from 1905-19.

Warner Pomerene received the Bachelor of Arts degree in 1915 and his law degree in 1917. He was active as a campus leader, heading the Men's Student Council, serving on the board of the *Makio*, the student yearbook, and as a colonel in the cadet regiment. During World War I, he held a captaincy in the Army Field Artillery.

He practiced law his entire professional life in Coshocton. He was a member of the Planning Commission there, and he served also as a director of the Muskingum Conservancy District. He received the 50-year award of the American Bar Association in 1970.

As an alumnus of Ohio State, he contributed significantly to the work of the Alumni Association through his service on both the Alumni Advisory Board and the Association's Board of Directors. The alumni organization honored him in 1970 with conferral of its Alumni Centennial Award and Medallion.



May 2, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Warner M. Pomerene (contd)

Mr. Pomerene was a major benefactor of the University. His support, and that of Mrs. Pomerene, enabled Ohio State to establish The Warner M. and Lora Kays Pomerene Professorship in Medicine in 1976.

The University conferred its Distinguished Service Award upon him in 1954.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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## ESTABLISHMENT OF CENTER FOR WOMEN'S STUDIES IN THE COLLEGE OF HUMANITIES

Resolution No. 80-113

*Synopsis: The establishment of a Center for Women's Studies in the College of Humanities is proposed.*

WHEREAS the Office of Women's Studies and the College of Humanities concur and propose a Center for Women's Studies be established; and

WHEREAS a Center for Women's Studies will promote more effective cooperation and coordination of curriculum development, student advising, research, and service in women's studies; and

WHEREAS a Center will more properly recognize and nurture the essential interdisciplinary nature of women's studies than would other administrative configurations; and

WHEREAS there now exist large numbers of faculty, students, and courses in this University interested in and concerned with women's studies as an academic area; and

WHEREAS the Council on Academic Affairs at its meeting on April 2, 1980, unanimously approved creation of such a Center:

NOW THEREFORE

BE IT RESOLVED, That the resolution adopted by the University Senate on April 12, 1980, for the establishment of a Center for Women's Studies to be housed within the College of Humanities be adopted by the Board of Trustees.

Upon motion of Mr. Devenow, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**DISTINGUISHED SERVICE AWARDS**

Resolution No. 80-114

*Synopsis: Recommendation for eight individuals to receive Distinguished Service Awards is proposed.*

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended eight individuals for approval by the Board of Trustees to receive the Distinguished Service Award at the Summer Quarter Commencement Convocation:

Barbee William Durham  
Lawrence E. Kunkle  
James W. Phillips  
Jacqueline D. Sisson  
Grady Smith  
Leo G. Staley  
I. Keith Tyler  
Francis P. Weisenburger

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT**

Resolution No. 80-115

*Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.*

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

May 2, 1980 meeting, Board of Trustees

## DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT (contd)

### NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 13, 1980, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## UNIVERSITY HOSPITALS BOARD BYLAWS

Resolution No. 80-116

*Synopsis: The University Hospitals Board Bylaws are proposed for Board of Trustees' approval.*

WHEREAS The Ohio State University Board of Trustees on September 7, 1979 created an ad hoc Committee on Health Affairs to review and make recommendations concerning the governance of University Hospitals; and

WHEREAS that Committee, after a review of the governance arrangements for teaching hospitals at several universities and with the advice of University Health Sciences faculty and staff, recommended that a Hospitals Board be established to assist The Ohio State University Board of Trustees in meeting its responsibilities for providing health care and support of health sciences academic programs at University Hospitals; and

WHEREAS the Board of Trustees on November 30, 1979 amended Rule 3335-1-03 of the Administrative Code to create a University Hospitals Board and adopted a policy statement on University Hospitals' governance defining the Hospitals Board's responsibilities for patient admissions and quality assurance, compliance with federal and state laws, accreditation, medical staff appointments and privileges, medical staff bylaws, and financial affairs of the Hospitals; and

WHEREAS the Board of Trustees on April 4, 1980 appointed twelve citizen members and three trustee members to serve on the Hospitals Board:

### NOW THEREFORE

BE IT RESOLVED, That the attached *University Hospitals Board Bylaws* are hereby approved and shall remain in effect until such time as further action may be taken by the Board of Trustees.

Upon motion of Mr. Galbreath, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Chapter 3335-93

UNIVERSITY HOSPITALS BOARD BYLAWS

3335-93-01 University hospitals board.

- (A) The body responsible to the Ohio state university board of trustees for oversight of patient care services, and university hospitals' support of the Ohio state university health sciences academic programs, shall be known as the university hospitals board (herein called board).
- (1) The hospitals board will be composed of three members of the Ohio state university board of trustees (trustee members) and twelve citizens from the general public (citizen members), all appointed by the Ohio state university board of trustees in consultation with the president of the university. No employee of the university shall be eligible for board membership.
  - (2) Insofar as feasible, the selection criteria will ensure that the hospitals board membership will include persons with business expertise, persons with legal expertise, persons with knowledge of health care issues, persons knowledgeable about the academic mission of university hospitals, and persons who can assist the hospitals in its relations with the public and governmental entities. Selection processes will incorporate the affirmative action policies of the university.
  - (3) The term of office for the twelve citizen members will be three years. Of the original twelve such members appointed, four will be appointed for three years, four will be appointed for two years, and four will be appointed for one year. Thereafter, four members will be appointed each year to serve three-year terms. At the discretion of the Ohio state university board of trustees, any citizen member may serve two consecutive terms. Original members with two- or one-year initial appointments may serve two full terms in addition to the initial partial terms.
  - (4) In addition to the hospitals board members, the following will participate in deliberations at the board's request, will receive agenda and minutes, and from time to time will be invited to submit agenda items:
    - Director of university hospitals
    - Deans of health sciences colleges
    - Medical director of university hospitals
    - Chief, hospitals medical staff, or equivalent position
  - (5) The vice president for health sciences, or such other university officer designated by the president, will serve as the university's primary administrative contact with the hospitals board and will assist the chairman of the board in establishing the agenda for board meetings.
  - (6) The director of university hospitals will serve as the non-voting secretary to the board and provide such staff services for the board as may be requested.

## UNIVERSITY HOSPITALS BOARD BYLAWS

- (B) In carrying out its responsibilities as defined in rule 3335-93-02 of the Administrative Code, the board shall seek continuing guidance from health professionals, management specialists, and others with professional expertise. The hospitals board may choose to have a periodic review of university hospitals activities by a board of visitors. The visitors, consisting of persons of national eminence in health care fields, would be selected in consultation with the vice president for health sciences and the president of the university.

### 3335-93-02 Powers and duties.

Members of the hospitals board shall be responsible to the university board of trustees for the oversight of patient care services in university hospitals and for ensuring that the hospitals' activities support the health sciences programs of the university. Although it is understood that the university board of trustees cannot delegate its ultimate authority over and responsibility for the hospitals--including determination of policy for the fiscal health of the university hospitals, its personnel policies, or the definition of the hospitals' mission--the hospitals board will be delegated the authority and responsibility set forth herein, consistent with Ohio law. The university hospitals board will be responsible for, subject to the authority and periodic review of the university board of trustees, the following:

- (A) Oversight of patient services, including admissions and quality assurance policies and practices developed by the hospitals staff.
- (B) Oversight of the hospitals' unique mission to support the health sciences teaching and research programs of the university.
- (C) Oversight of relationships with outside agencies, both private and public.
- (D) Oversight of hospitals' compliance with federal and state laws.
- (E) Oversight of hospitals' accreditation process.
- (F) Approval of medical and dental appointments, clinical privileges, and disciplinary actions upon the recommendation of the appropriate official, subject where required to final action of the Ohio state university board of trustees.
- (G) Approval of medical staff bylaws and recommendation thereof to the Ohio state university board of trustees.
- (H) Review of current funds and capital budgets prior to their submission to the Ohio state university board of trustees by the university president.
- (I) Advice and counsel to the vice president for health sciences on matters of institutional income and expenditures, fees for institutional services, and utilization of hospitals services.

May 2, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD BYLAWS

### 3335-93-03 Accountability.

To ensure that the Ohio state university board of trustees meets its governance obligations under Ohio law, the hospitals board will be accountable, through the vice president for health sciences and the president, to the Ohio state university board of trustees. In the absence of a vice president for health sciences, the president will designate an officer (designated officer) of the university administration who will be accountable to him directly for the operation of the hospitals.

- (A) The appointment of the director of university hospitals will be approved by the Ohio state university board of trustees upon recommendation of the president of the university following consultation with the hospitals board.
- (B) Recommendations and reports of the hospitals board that require Ohio state university board of trustees' review or action will be communicated through the vice president for health sciences, or designated officer, and the president of the university to the Ohio state university board of trustees.
- (C) The Ohio state university board of trustees will continue to hold the president of the university responsible for the conduct of the academic programs and for ensuring that the hospitals are operated in a manner consistent with university policy and state and federal law.

### 3335-93-04 Meetings and notice.

- (A) Regular meetings. Regular meetings of the hospitals board may be held at the hospital each month, or on a schedule established by the board, at times which shall be set and publicly announced by the chairman of the board, or at such other time or place as may be announced by the chairman.
- (B) Special meetings. Special meetings may be called at the direction of the chairman, or shall be called by the chairman at the request of three members of the board, provided that notice to all board members shall be given not less than five days prior to the meeting. The notice shall state the time, place, and purpose of the meeting.
- (C) Except as otherwise specified in these bylaws, all meetings of the board and its committees shall be conducted in accordance with the latest revision of "Robert's Rules of Order."
- (D) Meetings of the board shall be open to the public, except for executive sessions called for reasons permissible under Ohio law.

### 3335-93-05 Quorum.

At least a majority of the current membership of the board shall be necessary for a quorum.

May 2, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD BYLAWS

### 3335-93-06 Vacancies.

Whenever a vacancy occurs on the board, notice shall be given immediately to the president of the university so that the Ohio state university board of trustees may appoint a new member as soon as possible to fill the unexpired term.

### 3335-93-07 Removal.

(A) The hospitals board may recommend to the Ohio state university board of trustees that a member of the hospitals board be removed or suspended. Recommendations for suspension or removal by the board shall be made directly to the Ohio state university board of trustees which has sole authority to appoint and remove members of the university hospitals board.

(B) Any board member who has three unexcused absences for three successive meetings, or five unexcused absences in a calendar year, as determined by the chairman, shall be automatically removed.

### 3335-93-08 Indemnification of board members.

Members of the hospitals board will be provided legal defense and indemnification against any claims or liabilities which might arise from the performance of their duties on behalf of the hospitals to the full extent permitted by Ohio law.

### 3335-93-09 Compensation of board and board committee members.

No board member shall receive compensation for services rendered in the capacity as a board member. However, nothing herein shall be construed to preclude any board member or committee member from receiving reimbursement for actual expenses incurred for serving the hospitals as a board or committee member.

## Chapter 3335-95

### OFFICERS OF THE BOARD

#### 3335-95-01 Officers.

The officers of the board shall be members of the board and shall consist of a chairman, vice chairman, and such other officers as the board may deem advisable. The chairman and other officers, chosen from among the citizen members, shall be elected annually by the board. No officer may serve more than two successive terms.

May 2, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD BYLAWS

### 3335-95-02 Chairman.

The chairman of the board shall appoint all committee members; shall preside at all meetings of the board; shall be responsible for approving agenda for board meetings; shall make an annual report to the university board of trustees and such other reports as the Ohio state university board of trustees may require; shall serve as an ex-officio member, without vote, on all standing and special committees unless otherwise specified in the bylaws. The chairman shall have such other and further duties and authority as may be prescribed elsewhere in these bylaws, or from time to time by the hospitals board.

### 3335-95-03 Vice chairman.

During the absence of the chairman or the chairman's inability to act, the vice chairman shall perform the duties and exercise the powers of the chairman.

## Chapter 3335-97

### COMMITTEES

#### 3335-97-01 Committee designations.

The board shall establish an executive committee, a joint conference committee, a finance committee, a facilities and planning committee, and such other committees as it may from time to time deem advisable.

#### 3335-97-02 Executive committee.

- (A) Purpose. The executive committee shall have the power to transact such business of the board between regular meetings of the board as the board may hereafter authorize. All actions of the executive committee shall be reported to the full board at its next regular meeting.
- (B) Composition. The executive committee of the board shall consist of: the chairman of the board, who will serve as chairman of the committee; the vice chairman of the board; and the chairmen of all standing committees of the board. The vice president for health sciences, or other officer designated by the president of the university, and the dean of the college of medicine are to be ex-officio members without vote. Any standing committee chairman may designate a member of that committee who is also a hospitals board member to represent the chairman at any meeting of the executive committee. As non-voting secretary of the board, the hospitals director shall attend all meetings of the executive committee and act as its secretary.



May 2, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD BYLAWS

- (C) Meetings. The executive committee shall meet at the call of the chairman as often as is necessary to accomplish its functions.

### 3335-97-03 Joint conference committee.

- (A) Purpose. The joint conference committee shall be a forum for discussion of medical policy and practice in the university hospitals and shall advise the board concerning hospitals patient care goals, policies, standards of care, and general operating problems. All recommendations of the medical staff to the board shall first be sent to the joint conference committee for its consideration and recommendation before being acted upon by the board. The committee shall perform such other duties as shall be given it by the board and shall also have the following specific duties:
- (1) Accreditation. The committee shall be responsible for advising the hospitals board on all matters relevant to maintenance of joint commission on accreditation of hospitals' accreditation. The committee shall monitor hospitals operation to identify areas of potential non-compliance with joint commission on accreditation of hospitals' standards and shall make recommendations to the hospitals board and to the medical staff for appropriate action.
  - (2) Disaster planning. The committee shall be responsible for the development and maintenance of methods for the protection and care of hospitals patients and others at the time of internal and external disaster.
  - (3) Medical staff appointments. The committee shall make recommendations to the board on all applications for appointment or reappointment to the medical staff of the hospitals, and on all matters dealing with suspension or revocation of privileges of members of the medical staff, as may be provided under the bylaws of the medical staff.
  - (4) Medical staff bylaws, rules, and regulations. The committee shall recommend to the hospitals board all bylaws, rules, and regulations governing the activities of the medical staff, or amendments thereto, that it may consider necessary to assure proper patient care.
  - (5) Medical staff liaison. The committee shall advise the hospitals board on any communications, requests, or recommendations presented by the medical staff through its duly authorized representatives. The committee shall receive and consider all reports on the work of the medical staff organization and make such recommendations to the board as it considers to be in the best interest of the hospitals. The committee shall also receive and consider issues that may arise in the planning and operation of the hospitals that affect the relationship of the board, hospitals management, and medical staff organization.
- (B) Composition. The hospitals board shall be represented on the committee by the vice chairman of the board, who shall serve as chairman of this committee, and three other members of the board appointed annually by the board chairman.

## UNIVERSITY HOSPITALS BOARD BYLAWS

Other members of the joint conference committee will be as follows: the director of university hospitals, the medical director of the hospitals, the associate administrator of nursing services, the chief of staff or person in equivalent position, and two additional members of the medical staff selected by the organized medical staff. The director of university hospitals will serve as secretary of the committee.

- (C) Meetings. The joint conference committee shall meet on call by the committee chairman and shall advise the board members and medical staff of its activities.

### 3335-97-04 Finance committee.

- (A) Purpose. The finance committee shall be responsible for advising the board on hospitals financial matters. The committee will review the annual operating budget, monthly financial reports, and any proposals for adjusting hospital charges for services before they are submitted to the board for recommendation to the university administration and the university board of trustees.
- (B) Composition. The finance committee shall consist of three board members appointed annually by the chairman of the board, one of whom shall be the chairman of this committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for personnel services or designee; the hospitals medical director or designee; and the chief of medical staff or designee.
- (C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

### 3335-97-05 Hospital facilities committee.

- (A) Purpose. The committee shall monitor the condition of the hospitals facilities and shall have the responsibility for planning and recommending additions, alterations, repair, and maintenance.
- (B) Composition. The committee shall consist of three board members, appointed annually by the chairman of the board, one of whom shall serve as chairman of the committee; the Ohio state university vice president for health sciences or designee; the Ohio state university vice president for finance and planning or designee; the Ohio state university vice president for business and administration or designee; and the medical director of the hospitals or designee.
- (C) Meetings. The committee shall meet at the call of the chairman as often as is necessary to perform its duties.

### 3335-97-06 Special committees.

Special or ad hoc committees of the board may be established by the board.

May 2, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD BYLAWS

### Chapter 3335-99

#### RELATIONSHIPS OF HOSPITALS TO HEALTH SCIENCES, ACADEMIC, AND RESEARCH PROGRAMS

3335-99-01 Relationships of hospitals to health sciences,  
academic, and research programs.

The health sciences colleges of the university carry out a significant portion of their educational and research activity in university hospitals. Although the board has not been delegated specific responsibilities for academic programs, it shall lend its best efforts to assure that the programs of the health sciences colleges are effectively supported in collaboration with the hospitals patient care programs. The vice president for health sciences shall be charged with maintaining an effective liaison between the health sciences colleges and the hospitals board to assure excellence in both academic and patient care programs.

### Chapter 3335-101

#### MEDICAL STAFF

3335 101-01 General.

The hospitals board holds the medical staff organization accountable to the board for establishing and maintaining standards of medical care. The board will review and approve the medical staff bylaws before they are submitted to the Ohio state university board of trustees.

3335-101-02 Medical staff.

For purposes of Chapter 3335-101 of the Administrative Code, the words "medical staff" shall include all physicians and dentists who are authorized to attend patients in the hospital or in any other medical care activity administered by the hospitals, and may include such other professionals as the medical staff bylaws designate.

3335-101-03 Medical staff organization.

The board shall approve and authorize the organization of the medical staff to discharge those duties and responsibilities assigned to it by the board and specifically to accomplish the following purposes, among others:

- (A) To monitor the quality of medical care in the hospital and make recommendations to the board to ensure that all patients--admitted to or treated at any of the facilities, departments, or services of the hospitals--receive high quality medical care.

## UNIVERSITY HOSPITALS BOARD BYLAWS

- (B) To recommend to the board the appointment or reappointment of an applicant to the medical staff of the hospitals, the clinical privileges such applicant shall enjoy in the hospitals, and appropriate action that may be necessary in connection with any member of the medical staff.
- (C) To represent the medical staff of the hospitals and to provide the means whereby issues concerning the medical staff and the hospitals are discussed within the medical staff organization and among representatives of the medical staff, the hospitals board, and the hospitals administration.
- (D) To establish specific rules and regulations governing actions of members of the medical staff.

### 3335-101-04 Medical staff bylaws.

The medical staff organization shall recommend to the board medical staff bylaws, rules, and regulations that set forth the medical staff organization and the governance process for maintaining such bylaws, rules, and regulations to accomplish the purposes set forth in rule 3335-101-03 of the Administrative Code. When such bylaws, rules, and regulations are adopted by the board and the Ohio state university board of trustees, they shall become effective and become part of the bylaws, rules, and regulations of the hospitals. The medical staff organization shall also be responsible for reviewing these bylaws, rules, and regulations periodically and recommending appropriate revisions to the board.

### 3335-101-05 Appointment to the medical staff and assignment of clinical privileges.

Upon recommendation of the medical staff and in accordance with the medical staff bylaws, the board may appoint faculty members who are graduates of recognized medical and dental schools, meeting the qualifications prescribed in the medical staff bylaws, to membership on the medical staff of the hospitals and shall grant clinical privileges to such persons, subject to ratification of the Ohio state university board of trustees. Appointment to the medical staff carries with it full responsibility for the treatment of individual hospitals patients subject to such limitations as may be imposed by the board or the bylaws, rules, and regulations of the medical staff. Appointments to the medical staff shall be for one year, renewable each year in accordance with the reappointment procedure set forth in the medical staff bylaws. Reappointments to the medical staff will be made annually by the board, and shall be for one year.

### 3335-101-06 Medical staff administrative committee.

- (A) Purpose. The medical staff administrative committee shall establish and maintain means of accountability to the board, in accordance with the medical staff bylaws. It shall concern itself primarily with the quality of medical care within the hospitals. It shall receive and act upon all medical staff committee reports and make recommendations regarding medical staff status and privileges to the board. Other specific duties of the medical staff administrative committee are identified in the medical staff bylaws.

May 2, 1980 meeting, Board of Trustees

## UNIVERSITY HOSPITALS BOARD BYLAWS

- (B) Composition. The medical board of the medical staff shall be known as the medical staff administrative committee which shall be composed of the chief of staff, the chief of staff-elect, the chiefs of clinical services, three at-large members elected by the medical staff, the medical director, and the director of hospitals. The medical director, who is appointed by the dean of the college of medicine and the vice president for health sciences subject to approval by the board, shall serve as chairperson of the medical staff administrative committee.
- (C) Meetings. The medical staff administrative committee shall meet monthly. Minutes of the meetings shall be provided to all members of the joint conference committee, the dean of the college of medicine, the dean of the college of dentistry, and the deans of other professional colleges whose faculty have appointment on the medical and dental staffs.

### 3335-101-07 Hospital clinical services.

- (A) Appointment of the chief of each clinical service is subject to approval by the board on the recommendation of the dean of the applicable professional school and the vice president for health sciences. All such appointments shall be periodically reviewed by the board. Chiefs of clinical services vacancies may be filled on an interim basis at any time by action of the dean of the appropriate professional college, after consulting with the board.
- (B) The board may delegate, through approval of the medical staff bylaws or by appropriate board resolution, to the chiefs of the clinical services responsibility for maintaining the quality of medical care in their services, and for recommending an applicant's appointment or reappointment to the medical staff of the hospitals and privileges for such an applicant.
- (C) The dean of the college of medicine serves as the chief medical officer of the hospitals and in this capacity is accountable directly to the vice president for health sciences and to the board. In matters relating to medical care in the hospitals, members of the clinical services of the hospitals are accountable to their clinical chiefs, who are accountable to the medical director, who is accountable to the dean of the college of medicine.

## Chapter 3335-103

### AMENDMENTS TO BOARD BYLAWS

#### 3335-103-01 Amendments to board bylaws.

These bylaws may be amended or replaced in whole or in part by the Ohio state university board of trustees.

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May 2, 1980 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS:  
STATEMENT OF MISSION**

Resolution No. 80-117

*Synopsis: A Statement of Mission for the University Hospitals is proposed.*

WHEREAS The Ohio State University Board of Trustees on November 30, 1979, adopted a policy statement on University Hospitals governance calling for the adoption of a Mission Statement for the University Hospitals defining the University's expectations regarding the patient care activities of the Hospitals and the Hospitals' role in the University's teaching and research programs; and

WHEREAS the ad hoc Committee on Health Affairs of the Board of Trustees has sought advice from the health sciences Deans, the Acting Vice President for Medical Affairs, the Executive Committee of University Hospitals, and the University concerning the Hospitals' role in the health sciences programs:

NOW THEREFORE

BE IT RESOLVED, That the attached Statement of Mission for University Hospitals hereby is approved and shall henceforth serve as the University Hospitals' frame of reference for the conduct of its affairs.

Upon motion of Mr. Galbreath, seconded by Dr. Sirak, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**STATEMENT OF MISSION**

The Ohio State University Hospitals was created by the State of Ohio to provide an environment to support the teaching of health professionals and the conduct of research in the health sciences. The Hospitals also serves as a valuable health care resource, not only for the citizens of Central Ohio, but also for the entire state and, in some specialized aspects, for the nation.

As an academic health center, The Ohio State University Hospitals is expected to provide patient care, to support the teaching of health professionals, and to function as a laboratory for expanding knowledge in the health sciences. This three-part mission differentiates the University Hospitals from community hospitals and from those teaching institutions that are not simultaneously engaged in providing direct public service.

The mission of the University Hospitals includes the following goals:

- I. *Patient Care.* The University Hospitals must provide excellent patient care services in response to local, state, and in some instances, national needs.

The Hospitals must provide a full range of services, including fundamental primary care programs-both within the University setting and at other

**THE OHIO STATE UNIVERSITY HOSPITALS:  
STATEMENT OF MISSION (contd)**

sites--while at the same time providing highly specialized care that is unavailable to patients in other non-university settings. Certain types of specialized care in Ohio are found *only* at the OSU Hospitals.

The Hospitals must provide well-organized modern health care services for ambulatory patients not requiring hospitalization and must provide emergency medical services that are integrated with the total emergency service network of Central Ohio and of the State.

The University Hospitals must strive to provide leadership in the development of model health care programs that can improve the quality of life. It is imperative that the Hospitals develop and implement preventative programs, foster cost savings in the delivery of health care, and use fully the skills of all health care professionals so that comprehensive health care can become a reality for citizens of the State of Ohio. Through these model programs, the University's Hospitals can serve as a resource to other hospitals and health care institutions as well as to public groups concerned with health care issues and policy.

- II. *Teaching.* Integration of the various health services professions must be fully realized in the University Hospital setting and experienced there by students in order to achieve educational goals.

The University Hospitals will provide an environment to support the University's educational programs for students, faculty, staff, practitioners, and others interested in learning, teaching, practicing, maintaining, and discovering skills in the health services.

The University Hospitals will serve as the primary teaching laboratory for students in the health sciences programs of the University, including programs in medicine, pharmacy, nursing, dentistry, optometry, and the allied medical professions.

The University Hospitals will participate in the University's continuing education programs for health care professionals both within the hospital and throughout the State of Ohio, and will support University efforts to disseminate community health education information to health professionals.

The Hospitals will also provide education programs for its patients as a means of helping those patients become involved in the process of improving the status of their health.

- III. *Research.* Outstanding university hospitals create places in history for themselves by the discoveries that occur within their walls.

The University Hospitals will support the research mandate of the University health sciences. The University Hospitals will provide an environment for

May 2, 1980 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS:  
STATEMENT OF MISSION (contd)**

research of a fundamental or biomedical level, in patient care or at the clinical level, and in health care delivery at the organization level.

The facilities planning and general management of the Hospitals will be conducted in a manner that recognizes fully the Hospitals' supporting role for these University goals.

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**PERSONNEL ACTIONS**

Resolution No. 80-118

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation; Appointments; New and/or Reappointment of Chairmen of Departments and Academic Faculties; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 4, 1980 meeting of the Board, including the following Resignation; Appointments; New and/or Reappointment of Chairmen of Departments and Academic Faculties; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

**Resignation**

C. ROGER SMITH has requested that he be relieved of his duties as Dean of the College of Veterinary Medicine, effective June 30, 1980.

**Appointments**

Name: RONALD A. WRIGHT  
Titles: Dean, College of Veterinary Medicine and Professor, Department of Veterinary Clinical Sciences  
Effective: July 1, 1980  
Salary: \$50,040.00 (12 months)  
Present Positions: Associate Dean, College of Veterinary Medicine and Professor, Department of Veterinary Clinical Sciences

Name: MITCHEL D. LIVINGSTON  
Title: Dean of Student Life  
Office: Student Services  
Effective: July 1, 1980  
Salary: \$36,900.00 (12 months)  
Present Position: Director of Residence Services, University of Iowa



May 2, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

New and/or Reappointment of Chairmen of Departments and Academic Faculties

July 1, 1980 through June 30, 1984

Exceptional Children	Thomas M. Stephens
Genetics	J. Bruce Griffing
*Humanities Education	Gilbert A. Jarvis
Industrial Technology	Donald G. Lux
*Science and Mathematics Education	Arthur L. White
Special Services	Joseph J. Quaranta

October 1, 1980 through September 30, 1984

Anthropology	Daniel T. Hughes
English	Julian Markels
*Finance	Ronald L. Racster
Geodetic Science	Urho Uotila
*Philosophy	Alan M. Hausman
*Physics	S. Leslie Blatt

\*New appointment

Leaves of Absence Without Salary

ARTHUR CULLMAN, Professor, Academic Faculty of Marketing, effective January 1, 1981 through March 31, 1981, to participate in professional meetings.

CHARLES M. ATKINSON, Associate Professor, School of Music, effective October 1, 1980 through September 30, 1981, to accept a research fellowship granted by the Alexander von Humboldt Foundation in Germany.

DUN MOW HONG, Assistant Professor, Department of Economics (Lima Campus), effective April 1, 1980 through June 30, 1980, for personal reasons.

BILLIE J. WHITE, Instructor, School of Nursing, effective March 31, 1980 through June 30, 1980, for personal reasons.

Professional Improvement Leaves

RANBIR S. SANDHU, Professor, Department of Civil Engineering, be changed from Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980 to Spring Quarter 1980.

SIA K. WONG, Associate Professor, Department of Mathematics, to be changed from Autumn Quarter 1980, Winter Quarter 1981 and Spring Quarter 1981, to Autumn Quarter 1981, Winter Quarter 1982 and Spring Quarter 1982.

May 2, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles

PAUL G. CRAIG, School of Public Administration, with the title Professor Emeritus, effective July 1, 1980.

CHRISTEN T. JONASSEN, Department of Sociology, with the title Professor Emeritus, effective July 1, 1980.

JOHN D. KRAUS, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1980.

HERBERT S. PARNES, Department of Economics, with the title Professor Emeritus, effective September 1, 1980.

OSBORN T. SMALLWOOD, Department of Communication, with the title Professor Emeritus, effective July 1, 1980.

WALTER G. VENZKE, Department of Veterinary Anatomy, with the title Professor Emeritus, effective July 1, 1980.

DELOS D. WICKENS, Department of Psychology, with the title Professor Emeritus, effective July 1, 1980.

FRANK THOMAS GAUMER, School of Journalism, with the title Associate Professor Emeritus, effective July 1, 1980.

TYYNI N. HUMMEL, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1980.

TILLMAN J. JOHNSON, Department of Botany, with the title Associate Professor Emeritus, effective July 1, 1980.

DAVID B. McCALMONT, Department of Economics, with the title Associate Professor Emeritus, effective July 1, 1980.

ROBERT V. CLENDENEN, College of Dentistry - Prosthodontics, with the title Assistant Professor Emeritus, effective July 1, 1980.

NANCY M. DASHER, Department of English, with the title Assistant Professor Emeritus, effective July 1, 1980.

JACK L. LANDES, Office of Campus Planning and Space Utilization, with the title Assistant Director Emeritus, effective May 1, 1980.

Upon motion of Mr. Devenow, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

May 2, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

President Enarson:

I would now like to recognize Ron Wright, who is our new dean of the college, and simply say that you have our complete confidence as you undertake an extremely important assignment. We went through, in fact and in truth, a national search, and we concluded that the best person available, and a very fine individual indeed, was Ron Wright, and we're counting on a brilliant career for you there. Thank you.

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### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-119

*Synopsis: The report on contracts, grants and gifts and the summary for March are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of March 1980, be approved.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR MARCH 1980**

Source	No. of Projects	Support Level
Office of Business and Administration	4	\$ 23,020.00
The Ohio State University Research Foundation	80	3,507,366.93
Engineering Experiment Station	40	362,626.00
		\$3,893,012.93
The Ohio State University Development Fund	2,896 Donors	\$ 608,643.69

**Establishment of Named Funds**

The William E. Cofman Scholarships (Colleges of the Arts and Sciences)	\$ 48,000.00
The Marc Tetalman Memorial Fund (Department of Radiology)	\$ 10,550.00
The Dr. Robert C. McMaster Scholarship in Welding Engineering (Department of Welding Engineering)	\$ 7,208.00
Charles A. Kienzle Memorial Fund (College of Law)	\$ 6,941.33
Paul N. Williams Memorial Scholarship Fund (School of Journalism)	\$ 5,025.00
Wood County Scholarship Fund (Undergraduates - Wood County)	\$ 5,000.00

May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### SUMMARY FOR MARCH 1980 (contd)

#### Report from Presidents Club

Members to date	4,062
1980: year to date	676
New members - March 1980	467

#### New Presidents Club Members - March 1980

Dina M. Albanese	Charles H. Brewer, Jr.
Clifford Alexander	Thomas A. Bringardner
Nicholas Z. Alexander	James K. Brooker
Douglas R. Anderson	Carl L. Broughton
Richard D. Anderson	Paul R. Brown
Thomas G. Andrian	Robert L. Brown
Robert D. Archibald	William W. Brown III
James V. Armogida	William C. Bryant
Robert G. Armstrong	Joseph O. Bull
James E. Arnold	Charles L. Burd
Roberto Arpino	Keith D. Burgett
Mary Ann Arthur (Mrs. William E.)	James H. Burris
Mark C. Aukerman	Nancy L. Bush (Mrs. Donald)
Jyl L. Auxter	Walter T. Buss
Robert Babich	Ruth Huber Cahill (Mrs. Vern R.)
James F. Bagenstose	Robert L. Caldwell
Lena C. Bailey	Martha M. Callihan (Mrs. Dennis)
Richard S. Baldridge	Atila N. Can
Craig D. Barclay	Charles G. Casey
William D. Barker	Raymond Casey
Robert A. Barnes	Jean N. Cattaneo (Mrs. Stephen M.)
John D. Barney, Sr.	Joanna L. Cavendish
Glenn W. Barnhart	(Mrs. Thomas E.)
A. Mark Barnick	Lewis C. Chadwick
Phillip H. Barrett	Jean M. Chandler (Mrs. John L.)
Howard R. Baum	John L. Chandler
Marvin R. Beam	Joseph A. Chinnici, Jr.
Robert J. Behal	Michael R. Chrisman
William A. Behnke	Marilyn L. Chute
Guy R. Bertetich	Rodney B. Clark
Robert S. Bickis	William S. Clayton II
Stephen G. Biegel	Robert T. Clutterbuck
Nancy D. Bishop	Philip E. Cochran
Daniel E. Blickenstaff	Robert E. Cogan
David E. Bloom	Gary C. Cogley
Catherine R. Bloomberg	Garry D. Cole
(Mrs. Allen I.)	Thomas S. Cook
William E. Boggess	William C. Cook II
Edward J. Bonkowski	William L. Cook
Robert K. Bowen	Robert E. Cope
Robert J. Bowman	Craig L. Cottingham
Kent H. Brandt	Charles P. Crabill, Jr.
Robert C. Brasser	John M. Crabill

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR MARCH 1980 (contd)**

**New Presidents Club Members - March 1980 (contd)**

V. G. Crago	Merlin R. Funderburg
Jere J. Crean	Michael M. Gahn
Dan J. Crocker	Michael D. Gallagher
John M. Curphey	Douglas M. Galloway
Daniel J. Cutillo	R. William Gardner
K. Pete Czaruk	Gregory R. Garner
Alan L. Daniels	J. Charles Garvin
Jeffrey M. Daniels	M. Sutter Gavin
Stuart L. Daniels	Susan C. Geiger
Gerald A. Davis	Paul A. Gelpi
Robert D. Davis	Mildred S. George (Mrs. Noel F.)
William E. Davis, Jr.	Diane M. Geswein
John E. Dearth	Ernest C. Ghrist
Pamela S. DeVoe	Randy L. Gibson
William C. Dew	Carol M. Gillespie (Mrs. Thomas E.)
Ronald M. Dolinger	Anne M. Glavan
David J. Donofrio	Martin S. Goldberg
Francis P. Doone	Iva E. Gollan (Mrs. John A.)
John E. Dowler	Thomas W. Gosiorowski
Charles A. Dozer	Steven A. Graber
Louise M. Drummond (Mrs. Paul)	Barbara J. Graft (Mrs. Frederick J.)
Glen A. Dudley	Stanley A. Greenwald
Louis Durborow	Ralph H. Grimshaw
Betty J. Early (Mrs. Willis F.)	Larry C. Grover
Brent A. Eberhard	Dennis A. Guenther
Bruce K. Eberhard	Robert D. Guss, Jr.
Josephine L. Eberhard	William R. Gustaferro
(Mrs. Ronald D.)	George R. Haag
Kirk R. Eberhard	Elaine H. Hairston (Mrs. George W.)
Nadine F. Elder	George W. Hairston
Mary Francis Emens (Mrs. J. Richard)	Marjorie G. Hall
Daniel L. Emmons	Stephen C. Hall
Merrill B. Epperson	Jerry H. Haller
John R. Estadt	John J. Hannan
Sara Ann Evans (Mrs. Robert D.)	Daniel L. Harper
Mary Evans Eyerman	J. Joseph Harper
Michael C. Fair	K. Richard Harr
Robert G. Fais	Norman L. Harris
James M. Falko	Kenneth V. Harshman
Henry S. Feinberg	John C. Hartranft
Robert M. Feldman	Lorena C. Hawley (Mrs. Chester G.)
William G. Fogle	Philip C. Hawley
James J. Foley	C. Luther Heckman
Samuel P. Frantz	Clifford V. Heer
Don William P. Fraser	Diann L. Helber
Melanie B. Friedman	Ladd L. Heldenbrand
David I. Frizzell	Robert S. Hendrix III
Jeffrey E. Fromson	Constance G. Hensal (Mrs. James E.)
Charles L. Fulks	Tye J. Henschen

May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### SUMMARY FOR MARCH 1980 (contd)

#### New Presidents Club Members - March 1980 (contd)

Barbara Anne Hering (Mrs. James S.)	Richard T. Larkins
Douglas E. Herr	Robert A. Lauer
John E. Herr	Myron J. Leff
William D. Herring	Edward S. Levi
F. Leon Herron	Steven T. Liberatore
William C. Hicks	William J. Lightfoot
Michael L. Hiller	Linda L. Lind
Ted L. Hilty	Melinda J. Lindsay
Richard J. Hobbs	Joseph D. Lonardo
Jeffrey T. Hodge	Harry H. Long, Jr.
R. Bruce Hohn	Forest D. Loudenslager
Philip B. Hollander	Maynard L. Love
C. H. Hosey	Dale C. Lucas
Cheryl Ann Hoskinson	Dan J. Lycans
Roger V. Howard	Arlynn H. Lyle (Mrs. James W.)
Rowena Stout Huddle	Richard C. Lyons
Ralph W. Hughes	Timothy B. Lyons
Tyyni N. Hummel	Ronald H. MacDonald, Jr.
Harry B. Hummer	Richard W. Mack
James R. Ingram	James L. Mackin
D. Larry Ishida	Iris E. Macumber
Charles A. Jacoby	David S. Mallory
Cynthia B. Jeffrey (Mrs. Joseph A.)	Brian R. Malowney
Johanna H. Johnson	Dale K. Manbeck
(Mrs. Ramon E.)	G. Gregory Marquis
Mark W. Jones	H. W. Martinez
Raymond R. Jones	Patricia D. Mathews
Robert W. Jones	Earl E. Mayer, Jr.
Victor P. Kademenos	Margaret McCandless
Raymond Kahn	J. Michael McCloskey
Shepard L. Kahn	Dona L. McConnell
Paul M. Kalmbach	Raymond W. McCoy
Perry M. Kantner	Dennis N. McFadden
Richard S. Kattouf	John H. McKewen III
John C. Keggan	William M. McLaughlin
Charles J. Keglier	Kenneth K. McMahon
John Kilsheimer	Esther A. Meacham
Gary S. Kinsey	Joseph A. Meacham
James D. Kiourtsis	Nelson M. Melick
Rose Marie Kolibash	Daniel B. Menerey
David C. Koncal	Hermann Meyer
Stella B. Kontras	W. Gerhardt Miefert III
Paul S. Kormanik	Stella B. Milburn
Roy M. Kottman	Terrance M. Miller
Arthur Z. Kovesdy	Dorothy P. Mills
John F. Kozlowski	Mildred L. Minister (Mrs. Howard W.)
Randall A. Kugler	Herbert E. Minkin
David Lancione	M. Douglas Minnich
Mary Lapitsky	Loran L. Miracle

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR MARCH 1980 (contd)**

**New Presidents Club Members - March 1980 (contd)**

Mark C. Mirken	James F. Robeson
Edwin L. Mitchell	Donald L. Robinson
David R. Monfort	Robert C. Robinson
Darrell A. Montonaro	Beverly S. Roche (Mrs. Patrick W.)
Paul E. Moody, Jr.	Philip J. Rogers
Dwight H. Morehead	John C. Rosenberger
John H. Morrow	Bruce I. Roth
Robert P. Mullen	David B. Roth
Mark D. Munn	Michael J. Rozen
Karl S. Musgrave	Richard L. Rudy, Sr.
Robert H. Myers	James A. Rumbaugh
Theodore B. Myers	Leo L. Rummell
Philip A. Nabil	Charles R. Ryan
Ellen H. Neidenthal	Charles Sabo
Charles A. Nitschke	Alma M. Saddam
Frank R. Nutis	David A. Saphire
Michael B. Olinger	James E. Sargent
James S. Oliphant	Sue A. Schaeffer
James D. Owen	Cynthia Ann Scheetz
Gary R. Owens	David R. Schilling
Charles L. Parker	Bruce A. Schindler
John H. Patterson	J. Daniel Schmidt
Richard G. Payne	Thomas O. Schnell
Elwood R. Phillips	John P. Schooley
Wayne W. Phillips	Carol H. Schuller (Mrs. David E.)
Keith A. Pierce	Bruce D. Schwartz
Jack R. Pigman	Stephen E. Seilheimer
Ann L. Pizzuti	Richard C. Sensenbrenner
J. Richard Pollock	G. Shawn Sentz
George H. Pommert	Wesley E. Shankland
Joe Ponzani	Charles E. Shanklin
Lorri A. Porcello	Russell C. Shaw
Samuel H. Porter	Kenneth D. Sherman
John P. Posani	Roger D. Shively
Ermal W. Preston	Neil P. Shnider
John E. Price	Patricia Ann Short
William H. Price II	Jonathan L. Shorts
James L. Pritchard	Donna L. Shreiner
Stephen F. Probst	Sonja J. Shuman
K. Brian Pugh	Steven R. Simpson
William C. Pursch	Douglas A. Simson
Lisa Anne Puskarich	James F. Sipp
Frank E. Quirk	Lucy A. Sitterle (Mrs. Seraphin)
Richard H. Reder	(In Memoriam)
Nicholas E. Reed	Seraphin Sitterle (In Memoriam)
James L. Reeves	Norman R. Sleight
Charles W. Ress	Ramsay H. Slugg
Thomas J. Riley	Eugene J. Smayda III
Robert M. Robbins	Allan W. Smith



**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR MARCH 1980 (contd)**

**New Presidents Club Members - March 1980 (contd)**

Howard D. Smith  
Sally S. Smith  
Jerry W. Snyder  
Robert A. Snyder  
George K. Soller  
Richard L. Solove  
John V. Spalla  
Edward D. Sparks  
Jill L. Spriggs  
Donald R. Sprowls  
Gary A. Stanton  
Jerald P. Starr  
James D. Stauffer  
Robert E. Stearns  
Richard G. Stein  
John S. Steinhauer  
James Stillwagon  
David J. Stock  
Stewart F. Stock  
Robert D. Stocklin  
Robert M. Strapp  
Paul Streibig  
Earl O. Strimble  
William B. Sturkey  
Joseph A. Sugar, Jr.  
David M. Sullivan  
James P. Sullivan  
Jack D. Sutherland  
Carol J. Svensson  
Mark E. Svensson  
Jean M. Swartz  
Ruth A. Sweeney  
Robert C. Sylvester  
John H. Szlag  
Bert W. Taylor  
Patricia B. Taylor  
Dorothy S. Teater  
Michael J. Telich  
Gregory H. Thirtyacre  
John R. Thomas  
Isidóros S. Tiano  
John P. Tighe  
Gerald J. Todaro  
Frances E. Roehm Tracy  
(In Memoriam)  
Charles A. Triplehorn  
David J. Utlak

A. Scott Utley  
James E. Valentine  
Joseph E. Van Buskirk  
Albert W. Van Fossen  
Grant K. Varian  
Alan K. Veatch  
William K. Vincett  
Joseph H. Vivian  
Virginia M. Vivian  
Roy E. Von Ins  
Harold L. Voss  
Richard A. Vossler  
John H. Waldock  
Walt M. Wallace  
George E. Walter  
David J. Ward  
Paul W. Ward  
Thomas E. Waters  
Kenneth G. Watkins  
Catherine J. Webber  
David B. Webber  
Jacob F. Weis  
Richard E. Weisbarth  
Richard Weisenstein  
Richard A. Weisheimer  
C. David Welsheimer  
Stephen D. Wenger  
J. Ralston Werum  
Edward F. Whipps  
Jerry L. Whitacre  
Eugene M. White  
David C. Williams  
Richard B. Wilson  
A. O. Wing  
Ginger A. Winowich  
John C. Wise  
John S. Wiseman  
Edward J. Wnek  
George Wollenslegel  
Daryl E. Woodard  
Wallace B. Wright  
John T. Yarrington  
Robert S. Young  
Zoltan F. Zander  
William E. Zipf  
Virginia I. Zirkle

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THIRD QUARTER SUMMARY**

January 1, 1980 through March 31, 1980

**OFFICE OF BUSINESS AND ADMINISTRATION**

Source	No. of Projects	Support Level
FEDERAL	1	\$ 5,000.00
STATE OF OHIO	5	24,808.92
GRAND TOTAL	6	\$29,808.92

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THIRD QUARTER SUMMARY**

January 1, 1980 through March 31, 1980

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Source	No. of Projects	Support Level
<b>FEDERAL</b>		
Department of Energy	6	\$ 1,275,325.00
National Aeronautics and Space Administration	11	382,745.00
National Science Foundation	28	1,418,527.00
Department of Defense	10	870,300.00
Department of Health, Education and Welfare	34	7,309,307.00
Other Federal	22	5,341,652.00
TOTAL - FEDERAL	111	\$16,597,856.00
STATE OF OHIO	21	\$ 356,361.33
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	63	\$ 1,442,631.60
GRAND TOTAL	195	\$18,396,848.93

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THIRD QUARTER SUMMARY**

January 1, 1980 through March 31, 1980

**ENGINEERING EXPERIMENT STATION**

Source	No. of Projects	Support Level
STATE OF OHIO	1	\$ 45,001.00
INDUSTRIAL AND OTHERS	129	580,459.00
GRAND TOTAL	130	\$625,460.00

May 2, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **OFFICE OF BUSINESS AND ADMINISTRATION**

#### **State of Ohio Research Contracts/Grants**

\$6,800.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Improving Distributive Education Teacher-Coordinator Skills in Teaching Economics and Marketing, Academic Faculty of Vocational-Technical Education, March 1, 1980 through March 31, 1980.

\$5,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Development and Updating of Occupational Work Adjustment Curriculum, Academic Faculty of Vocational-Technical Education, June 16, 1980 through June 27, 1980.

\$5,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Occupational Work Adjustment Language Workshop, Academic Faculty of Vocational-Technical Education, March 31, 1980 through June 30, 1980.

\$5,220.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Learning Activity Package Revision for Ohio's Participation in the Interstate Distributive Education Curriculum Consortium, Academic Faculty of Vocational-Technical Education, March 1, 1980 through August 31, 1980.

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$23,020.00**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

#### **Federal Research Contracts/Grants**

\$1,000,000.00 - Department of Energy, Washington, D. C., Research and Technical Assistance in Public Utility Regulation Primarily for State Commissions, National Regulatory Research Institute (D. N. Jones), 15 October 1979 through 14 November 1980. (Project 761932 - New)

\$173,635.00 - National Science Foundation, Washington, D. C., Complex Animation and Complex Object Synthesis, Department of Art Education (C. A. Csuri), Department of Computer and Information Science (R. E. Parent), and Department of Electrical Engineering (K. W. Olson), 1 April 1980 through 31 March 1981. (Project 762077 - New)

\$160,900.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association With Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 1 April 1980 through 31 March 1981. (Project 761081 - Continuation)

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$107,400.00 - National Science Foundation, Washington, D. C., Acquisition of Computer Science Research Equipment, Department of Art Education (C. A. Csuri), 1 May 1980 through 30 April 1981. (Project 762094 - New)

\$106,018.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1980 through 31 March 1981. (Project 760025 - Continuation)

\$100,000.00 - Department of the Interior, Geological Survey, Reston, Virginia, Analysis and Evaluation of Water Quality Data and Monitoring System Efficiency and Utility in the Ohio River Basin, Department of Civil Engineering (E. E. Whitlatch, R. M. Sykes, and V. T. Ricca), 1 March 1980 through 28 February 1981. (Project 762051 - New)

\$89,160.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Industrial Manipulators and Legged Locomotion Systems, Department of Electrical Engineering (R. B. McGhee, C. A. Klein, and S. H. Koozekanani), 1 January 1980 through 31 December 1980. (Project 761487 - Continuation)

\$87,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1980 through 31 March 1981. (Project 761582 - Continuation)

\$76,503.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biotransformation of M-Amsa and Related Analogues, College of Pharmacy (L. Malspeis), 1 April 1980 through 31 March 1981. (Project 762091 - New)

\$68,953.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Burky), 1 April 1980 through 31 March 1981. (Project 764400 - Continuation)

\$67,241.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Full-Scale Field Demonstration of Unheated Anaerobic Contact Stabilization, Department of Civil Engineering (R. M. Sykes), 1 April 1980 through 31 March 1982. (Project 762061 - New)

\$60,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Basic Research for the Geodynamics Program, Department of Geodetic Science (I. I. Mueller), 15 March 1980 through 31 January 1982. (Project 761054 - Continuation)

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$53,000.00 - National Science Foundation, Washington, D. C., Structural Effects on Chemical Reaction Rates and Equilibria, Department of Chemistry (J. Hine), 15 March 1980 through 31 March 1981. (Project 762076 - Continuation)

\$52,420.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1980 through 31 March 1981. (Project 762083 - New)

\$52,000.00 - Department of the Army, Ballistic Missile Defense System Command, Huntsville, Alabama, Research on Fast Semiconductor Infrared Optical Spatial Light Modulators, ElectroScience Laboratory, Department of Electrical Engineering (M. O. Thurston and S. A. Collins), 18 March 1980 through 17 March 1981. (Project 762090 - New)

\$49,825.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Calculator Information Center, Academic Faculty of Science and Mathematics Education (M. N. Suydam), 18 March 1980 through 17 March 1981. (Project 762053 - Continuation)

\$47,836.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO<sub>2</sub> Concentration, Department of Physiology (A. L. Kunz), 1 April 1980 through 31 March 1981. (Project 761572 - Continuation)

\$47,065.00 - Department of Energy, Laramie Energy Technology Center, Laramie, Wyoming, Structural and Fracture Mechanics Modeling Associated with Underground Coal Conversion, Department of Engineering Mechanics (S. H. Advani), 1 April 1980 through 31 March 1981. (Project 762087 - New)

\$47,024.00 - National Science Foundation, Washington, D. C., College Faculty Conference, Department of Mechanical Engineering (J. E. John), 1 April 1980 through 30 September 1981. (Project 762097 - New)

\$44,890.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering (R. Edse), 1 April 1980 through 31 March 1981. (Project 761050 - Continuation)

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$44,538.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nucleotidyl and Phosphotransferase Stereochemistry, Department of Chemistry (P. A. Frey), 1 April 1980 through 31 March 1981. (Project 761076 - Continuation)

\$42,793.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Plasmalogenase and White Matter Injury, Department of Physiological Chemistry (L. A. Horrocks), 1 April 1980 through 31 March 1981. (Project 761074 - Continuation)

\$40,800.00 - National Science Foundation, Washington, D. C., Molecular Beam Studies of Reactions of Laser-Excited Metal Atoms With Gases Using Spectroscopic Detection of Products, Department of Chemistry (J. M. Parson), 1 March 1980 through 28 February 1981. (Project 762056 - Continuation)

\$40,535.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Anthracycline Antitumor Agents, Department of Chemistry (J. S. Swenton), 1 February 1980 through 31 January 1981. (Project 761021 - Continuation)

\$35,767.00 - National Science Foundation, Washington, D. C., Serial Relations: Research and Theory on Dynamic Context Effects, Department of Psychology (M. R. Jones), 1 May 1980 through 30 April 1981. (Project 761104 - Continuation)

\$35,641.00 - National Science Foundation, Washington, D. C., The Approximation Theory, Department of Mathematics (W. J. Davis and J. Lindenstrauss), 1 July 1980 through 30 June 1981. (Project 761132 - Continuation)

\$30,804.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Sugar Nucleotides and Analogs, Department of Biochemistry (E. J. Behrman), 1 April 1980 through 31 March 1981. (Project 760152 - Continuation)

\$29,643.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Deformation Structures in Metal Crystals Due to Wear and Machining at High Speeds, Department of Industrial and Systems Engineering (J. T. Black), 1 April 1980 through 31 December 1980. (Project 760931 - Continuation)



May 2, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$28,682.00 - Department of the Interior, Bureau of Mines, Washington, D. C., Phase Equilibrium Studies of Refractory Oxide Systems, Department of Ceramic Engineering (C. E. Semler, Jr.), 27 February 1980 through 26 December 1980. (Project 762060 - New)

\$23,873.00 - Department of the Air Force, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 17 March 1980 through 30 September 1980. (Project 762072 - New)

\$21,826.00 - Department of Energy, Argonne National Laboratory, Argonne, Illinois, Development of Computer Simulations for Landfill Methane Recovery, Department of Civil Engineering (C. A. Moore), 1 January 1980 through 31 August 1980. (Project 761802 - Continuation)

\$21,184.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Simulation Studies for Development of Truck Braking Standards, Department of Mechanical Engineering (K. Waldron), 1 March 1980 through 28 February 1981. (Project 762085 - New)

\$19,000.00 - National Science Foundation, Washington, D. C., Applications of the Weil Representation to Lifting Theory and to Cohomology of Discrete Groups, Department of Mathematics (S. J. Rallis), 1 July 1980 through 30 June 1982. (Project 762078 - Continuation)

\$15,904.00 - National Science Foundation, Washington, D. C., Geometry of Nuclear Spaces, Department of Mathematics (B. Mityagin), 1 July 1980 through 30 June 1981. (Project 762079 - New)

\$12,807.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1980 through 31 March 1981. (Project 761080 - Continuation)

\$8,739.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Test Data Processing and Analyses Related to the SRL10 System, Department of Electrical Engineering (H. Hemami), 1 January 1980 through 30 June 1980. (Project 762063 - New)

\$8,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Control of Synaptogenesis in Cultures of the Central Nervous System, Department of Anatomy (R. W. Burry), 1 December 1979 through 30 November 1980. (Project 761963 - Continuation)

May 2, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$7,762.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity to Tumor - Localized, Chemically-Modified Drugs, Department of Pathology (R. F. Barth), 1 August 1979 through 31 July 1980. (Project 761801 - Continuation)

\$7,624.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Methods for Predicting Particle Wake Interaction in Aerial Applications, Department of Aeronautical and Astronautical Engineering (G. Gregorek), 10 March 1980 through 14 November 1980. (Project 762070 - New)

\$7,120.00 - Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1979 through 30 June 1979. (Project 761083 - Continuation)

\$7,000.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Departments of Physiological Chemistry and Veterinary Pathobiology (G. E. Milo), 1 July 1979 through 31 December 1980. (Project 761756 - Continuation)

\$6,794.00 - National Science Foundation, Washington, D. C., Mediated Electron Transfer and Derivatized Electrode Surfaces, Department of Chemistry (T. Kuwana), 1 March 1980 through 31 August 1980. (Project 760646 - Continuation)

\$6,639.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Laboratory and Field Test Data Analysis Procedure Development, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 30 June 1980. (Project 762052 - New)

\$6,213.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computer Modeling and Vehicle Collision Data Analysis, Department of Mechanical Engineering (D. A. Guenther), 1 January 1980 through 30 June 1980. (Project 762054 - New)

\$4,367.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Test Data Processing and Analyses Related to the SRL 17 System, Department of Electrical Engineering (H. Hemami), 1 January 1980 through 30 June 1980. (Project 762064 - New)

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$3,877.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Spectroscopic Investigations of Bright Gaseous Nebulae, Department of Astronomy (S. J. Czyzak), 15 April 1980 through 14 April 1981. (Project 762100 - New)

\$3,490.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Monograph on Symposium Proceedings, National Center for Research in Vocational Education (R. E. Taylor), 19 February 1980 through 18 April 1980. (Project 762089 - New)

\$2,780.00 - National Science Foundation, Washington, D. C., Publication: Proceedings of the Second International Conference of Austroasiatic Linguistics, Department of Linguistics (D. R. Dowty and D. L. Stampe), 1 March 1980 through 28 February 1981. (Project 762057 - New)

\$1,734.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Reaction Time of Small Children, School of Allied Medical Professions (C. Burnett), 1 February 1980 through 30 April 1980. (Project 762055 - New)

\$282.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Otoconial Deprivation on Gravity Receptors, Department of Otolaryngology (D. J. Lim and D. R. Trune), 1 August 1979 through 31 July 1980. (Project 761485 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$3,017,088.00
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**State of Ohio Research Contracts/Grants**

\$14,958.33 - State of Ohio, Department of Energy, Columbus, Ohio, Application of Linear Analysis to the Determination of Energy Consumption Patterns in Ohio by Fuel Type and by Sector, Department of Economics (D. O. Parsons and G. Feyzioglu), 1 April 1980 through 30 November 1980. (Project 762044 - New)

\$12,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Training Field Supervisors--Teacher Education Redesign, College of Education (R. A. Burnham and N. Zimpher), 19 February 1980 through 31 December 1980. (Project 762067 - New)

\$4,000.00 - Ohio Arts Council, Columbus, Ohio, Public Environmental Education Demonstration, Department of Architecture (R. Miller), 15 November 1979 through 30 June 1980. (Project 762050 - New)

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$4,000.00 - Ohio Historical Society, Columbus, Ohio, Proposal for the Investigation of a Portion of Big Walnut Creek in Franklin County South of Columbus, Department of Anthropology (W. S. Dancey), 1 February 1980 through 31 January 1981. (Project 762031 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS                      \$    34,958.33**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$55,292.00 - Technicon Instruments Corporation, Tarrytown, New York, Chemical Modification Studies of Surfaces Appropriate for Sensor Devices, Department of Chemistry (T. Kuwana), 1 April 1980 through 31 March 1981. (Project 761484 - Continuation)

\$55,000.00 - General Electric Foundation, Bridgeport, Connecticut, Leaders in Career Development Program, Academic Faculty of Special Services (A. C. Riccio) and National Center for Research in Vocational Education (R. E. Taylor), 1 February 1980 through 31 December 1980. (Project 762068 - Continuation)

\$44,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1980 through 31 December 1980. (Project 761965 - Continuation)

\$39,900.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio; Southern Illinois University at Carbondale, Carbondale, Illinois; Division of Vocational Education, School of Education, Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education (Ohio, Illinois, Florida), National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 31 August 1980. (Project 761699 - Continuation)

\$34,975.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Application in NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 18 December 1979 through 30 September 1980. (Project 761994 - Continuation)

\$31,000.00 - Leukemia Society of America, Inc., New York, New York, Studies of Adenosine Deaminase in Leukemia and Lymphoma, Cancer Research Center, (M. Grever), 1 July 1980 through 30 June 1982. (Project 762092 - New)

\$27,500.00 - Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Membership), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 31 December 1980. (Project 762081 - New)

May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$24,719.00 - Cystic Fibrosis Foundation, Atlanta, Georgia, The Pathogenesis of *Pseudomonas Aeruginosa* in Hamster Tracheal Organ Culture, Department of Microbiology (N. R. Baker), 1 March 1980 through 28 February 1981. (Project 761492 - Continuation)

\$21,593.00 - Materials Technology Institute, Columbus, Ohio, Development of Controlled Hydrodynamic Techniques for Corrosion Testing, Department of Metallurgical Engineering (D. D. Macdonald), 1 April 1980 through 31 December 1980. (Project 762062 - New)

\$19,996.00 - Southwest Research Institute, San Antonio, Texas, Roof-Top Antenna Study, ElectroScience Laboratory, Department of Electrical Engineering (E. H. Newman), 18 February 1980 through 18 May 1980. (Project 762035 - New)

\$19,950.00 - North Carolina State Board of Education, State Board for Vocational Education, Raleigh, North Carolina, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1979 through 30 June 1980. (Project 762075 - New)

\$18,028.00 - Kansas State University, Manhattan, Kansas, Short-Term Consultancy to Integrated Agricultural Production and Marketing Project of Kansas State University in the Philippines, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith) and School of Home Economics - Administration and Cooperative Extension State Operations (N. R. McCormick), 5 January 1980 through 30 May 1980. (Project 762074 - New)

\$15,390.00 - The Cary Arboretum of the New York Botanical Garden, Millbrook, New York, Effect of Habitat on the Population Ecology of Voles (*Microtus Pine-torum* and *Microtus Pennsylvanicus*) Coexisting in Apple Orchards, Department of Zoology (J. D. Harder), 1 April 1980 through 31 December 1982. (Project 762071 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Neural Control of the Peripheral Circulation, Department of Physiology (J. Boulant and D. O. Nelson), 1 July 1980 through 30 June 1981. (Project 762096 - New)

\$6,950.00 - Connecticut State Department of Education, The Career Education Task Force, Nevington, Connecticut, Field Training in Connecticut for the Career Planning Support System, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 30 April 1980. (Project 762058 - New)

May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$6,000.00 - Maine Public Utilities Commission, Augusta, Maine, A Methodology for Determination of Costs and Revenues of Intrastate Common Carrier Motor Freight in Maine, National Regulatory Research Institute (D. N. Jones and N. Simons, Jr.), 1 January 1980 through 28 February 1981. (Project 762048 - New)

\$5,000.00 - McCauley Accessory Division, Cessna Aircraft Company, Vandalia, Ohio, An Addition to Study of Advanced General Aviation Propellers, Department of Aeronautical and Astronautical Engineering (K. Korkan), 24 March 1980 through 22 August 1980. (Project 762088 - New)

\$4,997.00 - Realtors National Marketing Institute, Chicago, Illinois, A Field Test of a Managerial Behavior Feedback Questionnaire for the Real Estate Profession, Department of Psychology (R. Klimoski) and Center for Real Estate Education and Research, College of Administrative Science - Administration (R. Racster), 1 April 1980 through 31 December 1980. (Project 762082 - New)

\$4,000.00 - National Fisheries Institute, Inc., Washington, D. C., Fisheries Food Service Survey, Center for Lake Erie Area Research, College of Biological Sciences (J. M. Reutter), 1 April 1980 through 30 June 1980. (Project 762101 - New)

\$3,536.00 - J. W. Wilson and Associates, Inc., Washington, D. C., Technical Assistance for Telecommunications Research, National Regulatory Research Institute (D. N. Jones and A. G. Buckalew), 1 March 1980 through 2 May 1980. (Project 762047 - New)

\$2,500.00 - National Training Fund for the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation Proposal, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 30 June 1980. (Project 761059 - Continuation)

\$1,000.00 - American Cancer Society, Inc., New York, New York, Stereochemistry of Enzymatic Reactions at Phosphorus, Department of Chemistry (P. A. Frey), 1 January 1980 through 31 December 1980. (Project 761600 - Continuation)

\$800.00 - Ohio Academy of Family Physicians, Columbus, Ohio, Surgery--A Survey of Family Physicians of Ohio, Department of Family Medicine (L. L. Gabel and W. H. Weddington), 1 January 1980 through 31 December 1980. (Project 762066 - New)

\$539.60 - Gallaudet College, Washington, D. C., Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1980 through 30 April 1980. (Project 768028 - New)

May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$405.00 - The Gale Company, Lake Geneva, Wisconsin, Windmill Blade Airfoil Analysis, Department of Aeronautical and Astronautical Engineering (G. Gregorek), 15 February 1980 through 30 April 1980. (Project 762069 - New)

\$250.00 - Midwest Universities Consortium for International Activities, Inc., University of Wisconsin, Madison, Wisconsin, Women in Development Network, College of Agriculture and Home Economics, International Programs in Agriculture (M. G. Smith), 1 March 1980 through 15 August 1980. (Project 761983 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$ 455,320.60
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#### ENGINEERING EXPERIMENT STATION

##### State Sponsored Research and Development

\$45,001.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Stability of Slopes in Shale and Colluvium, Transplex, Department of Civil Engineering, March 15, 1980 through September 14, 1981. (EES 576/529056, Ext. 2)

##### Sponsored Development Projects

\$317,625.00 from various sponsors for 39 development projects.

#### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

##### Gifts of \$5,000 or More

\$30,500.00 - Mrs. Doris B. Richard, Wooster, Ohio, for Presidents Club Special Fund.

\$25,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Fluidized Bed Dynamics and Reaction Kinetics Fund.

\$15,600.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$14,600.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for Refractories Institute Research Fund.

\$14,167.34 - Sayre Charitable Fund of the Columbus Foundation, Columbus, Ohio, for Friends of WOSU.

May 2, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$14,000.00 - Kellogg's, Battle Creek, Michigan, for Special NC-151 Fund.

\$14,000.00 - Trust Under the Will of Letteria May Dalton, Columbus, Ohio, for Lima Campus Scholarship Fund.

\$13,520.00 - Whitehall Foundation, Inc., Palm Beach, Florida, for Project NC-151.

\$12,500.00 - Landmark, Inc., Columbus, Ohio (given in the names of C. N. Griffith, Art Adams, and Ken Peterson), for Landmark-OARDC Fund.

\$12,253.79 - Systems Associates, Columbus, Ohio: \$8,502.51 for Cardiology Support Fund; \$1,915.21 (given in the name of David J. Utlak) for Cardiology Support Fund; and \$1,836.07 (given in the name of Mrs. Rose Marie Kolibash) for Cardiology Support Fund.

\$10,800.00 - Bell Laboratories, Murray Hill, New Jersey: \$8,791.00 for Electrical Engineering Chairman's Discretionary Fund; \$1,054.00 for Department of Computer and Information Science Chairman's Discretionary Fund; and \$955.00 for Department of Mechanical Engineering Support Fund.

\$10,000.00 - Dollar Savings Association, Columbus, Ohio (given in the name of Thomas A. Bringardner), for Department of Architecture Fund.

\$9,712.41 - University Eye Surgeons, Inc, Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for Eye Bank Fund.

\$9,185.00 - The Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$8,217.66 - Retinal Consultants, Inc., Columbus, Ohio: \$6,281.50 for Retina Research Fund and \$1,936.16 for Ophthalmology Photography Fund.

\$8,000.00 - The Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for Edward C. and Hazel L. Stephenson Fund.

\$7,974.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$7,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Eli Lilly and Co. Organic Chemistry Research Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.



May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Gifts of \$5,000 or More (contd)

\$5,174.48 - Estate Under the Will of Donald E. Park, Columbus, Ohio, for Ohio State National Merit Scholarship Program.

\$5,000.00 - Louis L. Borick, Van Nuys, California, for Louis Levy Professorship for Cancer Research.

\$5,000.00 - Lazarus, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Schottenstein Stores Corporation, Columbus, Ohio, for Graduate School Minority Recruiting Program Fund.

\$5,000.00 - WBNS-TV, Inc., Columbus, Ohio (given in the name of Eugene C. D'Angelo), for Special Gifts to be used for Mershon Auditorium.

#### Gifts-in-Kind

\$12,000.00 - Deere & Company, Moline, Illinois, ten - 3277 CRT's to be used in University Systems.

\$5,169.00 - Frederick G. Ruffner, Detroit, Michigan, gift of books to University Libraries.

#### Establishment of Named Funds

##### The William E. Cofman Scholarships

The William E. Cofman Scholarships was established May 2, 1980, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from William E. Cofman, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships awarded annually to deserving students in need of financial assistance in order to continue their studies in the Colleges of the Arts and Sciences. The selection of the recipient is to be made upon the recommendation of the Vice Provost of the Colleges of the Arts and Sciences in consultation with the Dean of the Graduate School and the President of the University.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official who is directly responsible for scholarships.

May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Marc Tetelman Memorial Fund

The Marc Tetelman Memorial Fund was established May 2, 1980, with gifts to The Ohio State University from colleagues and friends in memory of Dr. Marc R. Tetelman, Assistant Professor of Radiology and Director of the Division of Nuclear Medicine of The Ohio State University Hospitals.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Income and/or principal from the fund is to be used in Dr. Tetelman's memory to establish a lectureship in nuclear cardiac radiology and/or other scholarly programs as considered appropriate. The fund will provide appropriate honoraria, travel and other expense reimbursements for the lecturer, as well as other expenses contributing to enrichment of the scholarly programs of the department or division. Requisitions for funds will be approved by the Chairman of the Department of Radiology and the Dean of the College of Medicine. Selection of speakers and topics will be by the Chairman of the Department of Radiology upon advice by the Divisions of Nuclear Medicine and Cardiology.

Should the Department of Radiology or the Division of Cardiology cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to the recommendations of the appropriate administrative officials of the University who are then directly responsible for radiological and cardiological education.

##### The Dr. Robert C. McMaster Scholarship in Welding Engineering

The Dr. Robert C. McMaster Scholarship in Welding Engineering was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and colleagues of Dr. Robert C. McMaster, distinguished Regents Professor of Welding Engineering, upon his retirement.

All gifts are to be invested in the University's Permanent Endowment Fund, under rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Welding Engineering. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee of the Department of Welding Engineering.

May 2, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Dr. Robert C. McMaster Scholarship in Welding Engineering (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for welding engineering education.

##### Charles A. Kienzle Memorial Fund

The Charles A. Kienzle Memorial Fund was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Murphey, Young & Smith Law Firm in memory of a former partner, Charles A. Kienzle.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Income and principal are to be used at the discretion of the Dean of the College of Law to support the *Ohio State Law Journal*.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

##### Paul N. Williams Memorial Scholarship Fund

The Paul N. Williams Memorial Scholarship Fund was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and relatives in memory of Paul N. Williams, Assistant Professor of Journalism.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The Paul N. Williams Memorial Scholarship shall be awarded annually to a student who has demonstrated his/her ability to practice journalism with the high standards exemplified in Paul Williams' career and teaching. The winner of the Williams' Scholarship should have done interpretative or investigative reporting that creatively showed "how things work." In keeping with the academic standards of the School, it is suggested that the winner have at least a 2.5 overall grade point average.

May 2, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **Paul N. Williams Memorial Scholarship Fund (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the School of Journalism as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism education.

##### **Wood County Scholarship Fund**

The Wood County Scholarship Fund was established May 2, 1980, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Wood County to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students from Wood County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Wood County Alumni Club.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

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## **PLANS AND SPECIFICATIONS**

Resolution No. 80-120

*Synopsis: Plans and specifications are being proposed for the following projects.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following projects:

May 2, 1980 meeting, Board of Trustees

### PLANS AND SPECIFICATIONS (contd)

#### HEALTH SCIENCES LIBRARY, ROOF REPAIRS

Project: Install new roof due to deterioration and add insulation required to meet energy conservation measures.

Funding: Budget Account 210134 (Contract Repair 1980-81)

Estimated Project Cost: \$69,000.00

#### LARKINS HALL, EXTERIOR MASONRY REPAIRS

Project: Cut out and repair existing deteriorated masonry on the old part of the Peppe Aquatic Center of Larkins Hall.

Funding: Budget Account 210134 (Contract Repair 1980-81)

Estimated Project Cost: \$58,927.00

#### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

### REPORT - PRESIDENT ENARSON

#### President Enarson's Statement:

Under Reports, there is nothing in the books; there is one matter that I wish to bring to the attention of the Board and propose to spend only two or three minutes at the most on it.

As you know, we live in an age of litigation. We are a very large, very complex enterprise; we have a large number of faculty and support staff in our employment. There are, as we all know, a number of laws and regulations enforced by a number of different jurisdictions. Occasionally one gets almost a sense of persecution, or at least at minimum a sense of *deja vu*, in opening the newspaper

May 2, 1980 meeting, Board of Trustees

## REPORT - PRESIDENT ENARSON (contd)

### President Enarson's Statement: (contd)

only to find that there is another case filed somewhere and another team on campus and another proposal for a conciliation agreement. Parenthetically, Dick Jackson and I are now working to put together a kind of a standard form which we will use on a quarterly basis and build into the Board book as a progress report on where we stand on each and every case just as we provide now a progress report on capital construction.

In conversation with faculty and with others, it has become painfully clear to me that, while Madison Scott is engaged in almost daily letter-writing back and forth with one or more federal agencies, and we are in virtually daily consultation with our lawyers with respect to next steps, the typical faculty member has very little appreciation of what is happening on this front. We had presented to us fairly recently by one agency--the Department of Labor--a proposed conciliation agreement. It builds on a case which has been under review for some time. It might interest you to know that the same case is moving slowly through the federal district courts. It is not, as the Board realizes, an unusual situation for a person who is aggrieved to file the complaint in a number of different forums.

I concluded, after extended discussion with the members of the President's Staff and some faculty leaders, that every single member of the University community (I'm thinking here primarily of our faculty) deserves the opportunity to, as it were, see for yourself what this is all about, what a typical complaint looks like, and how we have responded to it; and so we do have, as you know, the internal publication, the *OSU onCampus*. If you'd each take one, I am obviously not asking that you read it now; in fact, I urge you not to even scan it now. I simply want you to note that starting on Page 5, you will find an open letter to the University community which explains some of the concerns that we have here at the University, and then in the several pages which follow, we have a chronology of some of the recent problems. On Page 6, we have our reply on this. We have included in this document the full text of the letter and the full text of our reply. I am sure that it will elicit some hostile reaction that will command the news but occasionally one hopes that the quiet voice of reason will prevail. I hope that you will take the opportunity to read this later. That concludes my report.

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## REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 80-121

RESOLVED, That the report on the University's Investment Portfolio, dated April 18, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

May 2, 1980 meeting, Board of Trustees

### TRIBUTES TO MEMBERS OF THE BOARD

Mrs. James:

Thank you, Mr. President. As we have elected a new group of officers for the '80-'81 academic year which signals a new beginning, so to speak, among our leadership, we also had an ending of some of the leadership that has been provided to this Board and that is in the person of Dr. Sirak whose term will expire this month. On behalf of the Board, we would certainly like to thank you for the many years you have spent with us, and I would like to present you with the gavel which is made of wood from the original University Hall and it reads:

HOWARD D. SIRAK  
IN APPRECIATION OF HIS SERVICE  
TO THE BOARD OF TRUSTEES  
OF THE OHIO STATE UNIVERSITY  
MEMBER 1971-1980  
CHAIRMAN 1978-1979

Also, in saying goodbye, I would like to note a little bit more about Dr. Sirak's contribution to this University. Dr. Sirak has served--(She is interrupted when an OSU captain's chair is presented.)

Dr. Sirak:

That's very nice, and it's very comfortable; I think it's very appropriate--this chair for many reasons--I appreciate the generous and kind thoughts that go with your giving it, but I am suddenly mindful of the fact that a hard seat is something that I have sort of been accustomed to for the past couple or three years. I am very sad to be leaving this Board; I will miss the great opportunity to be with--a fellow like myself coming up from the humble establishment of academe and miss the opportunity to meet with you peerless members of the establishment every--once a month. Of course, it is hard to make changes, but I am solaced by the fact that we do have a great administration and a fine Board of Trustees, and I believe with every confidence that everything will go ultimately, maybe not initially, smoothly. Thank you very much for the gavel--I think I have finally got the ultimate weapon that will enable me to get a word in edgewise at home.

Mrs. James: I believe Mr. Havens has a comment that he'd like to make.

Mr. Havens:

Madam Chairperson, this is directed to our new, upcoming Chairman, Mr. Devenow. I was elected spokesperson for what we call our 'rump sub subcommittee,' which is made up of a secret membership of the Board of Trustees. It's completely illegal, and we wanted to tell Mr. Devenow that we figured that he has won by ballot from this committee to become our best-dressed Trustee. Actually, he did not win it on the first ballot because all the committee members voted for themselves. However, we would request him at our next meeting which he takes over,

May 2, 1980 meeting, Board of Trustees

### TRIBUTES TO MEMBERS OF THE BOARD (contd)

Mr. Havens: (contd)

to show up in an attire of scarlet and gray, our good school colors, because we really want to see how he looks that way, rather than the way he is impeccably groomed and, therefore, we will be able to determine if he is better than the rest of us. This is just a request to show up in scarlet and gray next June.

Mr. Devenow: Thank you very much, Mr. Havens; thank the committee, too.

President Enarson:

I have always had difficulty in getting Dr. Sirak's attention. If I could have his attention, albeit briefly, I would like to say nice things about him. I want to be very serious. It's been seven and a half years that I have had the pleasure of being associated with Howard Sirak, and as they always say in the court room, 'We haven't always agreed.' But I certainly have had at all times the greatest respect and admiration for you, Howard. You have had at all times the best interest of the University at heart. There is no way that a person who is not intimately associated with this Board and this administration could possibly know the work that goes on behind the scenes. They see only the work that's done here in the public session, and I just simply want to say that I, as the chief executive officer, have been grateful to you for your counsel and your help and your encouragement. Now, unless once again I have failed to ask someone to do something, do we have that little goody?

Mr. Scott: We have a small presentation to make.

President Enarson:

We have all admired the artwork in your home, and we thought we ought to have something that would really rival Picasso. It's kind of an OSU Picasso.

Dr. Sirak:

(He is presented a caricature of himself.) It says, 'To Howard Sirak: In appreciation of your service as member and Chairman of The Ohio State University Board of Trustees.' Then there is a squiggle after it that says Horace Enarson, son of Enar, May 2, 1980. Thank you very much; I will hang this in my study where my eyes will fall upon it each day that I study. I will remember with very kind feelings my association here with all of you lady and gentlemen--ladies and gentlemen now. Thank you again, Harold.

Mr. Redman: Before we close up the meeting, I would like to say a word at the end.

President Enarson:

The other loss, it's not a loss to the Board, but the loss to the chairmanship; it is a time of transition. I want to compliment the new Chairman and Vice Chairman



May 2, 1980 meeting, Board of Trustees

## TRIBUTES TO MEMBERS OF THE BOARD (contd)

President Enarson: (contd)

on their respective selection, but it is the last time that Mrs. Patricia James will preside, and I would simply like to say again as President of this University what a great privilege it has been, Pat, to be associated with you. I think you are probably the only Trustee whom I knew before you came on this Board, and I rejoiced when I learned that you had been named. I know, as we all do, the intense pride that you take in this University, and I want to thank you for all that you have done and for the advice and spiritual comfort you have given to me. We have a small gift, and you will never guess what it is!

(Mrs. James opens the package, which is a caricature of herself.)

Dr. Sirak: There's one thing missing.

Mrs. James:

What--the cigarette, right? The teeth are in good alignment. It says, 'To Pat James: In appreciation of your service as member and Chairman of the OSU Board of Trustees, Harold L. Enarson.' Thank you very much.

I'd just like to say that it certainly has been an honor to serve as your Chairman this year. I have appreciated all of the cooperation I have gotten from each and every one of you. I don't think I was told 'no' more than once which I think is a pretty good record. I would certainly like to congratulate Mr. Devenow and Mr. Smith and wish you the best of luck and success and tell you that the job is really a lot easier than it seems because of the administration that we have and that is one of our responsibilities as Trustees--to make certain that we do have a competent administration that manages our University well, and I believe that they have made my job much easier, and I am sure it will make your job much easier. Again, I thank you for the opportunity to have served as your Chairman--and anything you need, I'll still be here for another year. Thank you.

I think Mr. Redman has a comment he'd like to make.

--O--

## COMMENTS - LITIGATION

Mr. Redman:

I have had the not unusual distinction here of being served by the marshal of the United States District Court with a summons in which I am a party defendant. It's like the fellow says, 'If it wasn't for--he was being ridden out of town on a rail, and they tarred and feathered him. He said if it wasn't for the honor of the thing, I'd just as leave be relieved of this obligation.' But, I wondered whether I should get myself an attorney since I don't want to end up at the Atlanta institution--whether this is normal for the Trustees to get sued--I'm in fine company.

May 2, 1980 meeting, Board of Trustees

### COMMENTS - LITIGATION (contd)

President Enarson:

You are; we serve coffee to the marshal in our office. Very seriously, sometimes these new assaults are brought directly to the Trustees, but in all instances the Trustees are well protected and well represented by the Associate General--really by the Attorney General of the State of Ohio. We currently have on campus on assignment from the Attorney General's office, Mr. Holder. We also continue to be served in individual matters by the Vorys firm. So sometimes, as most of the Board members may know, you receive those documents and sometimes you don't. Now this is a new case, and I will have to find out what it is when I get back to the office.

Mr. Redman: Well, I'll be out of town, and it says 20 days. I hate to get beat by default.

Mr. Scott:

It's been taken care of, Mr. President. It's a case involving a person who was not awarded tenure and promotion. It is routine and in this sense, as the President has indicated, a copy of that was delivered to the office of the Board of Trustees and immediately we referred it to counsel.

Mr. Redman: Do I give you this then?

Mr. Scott: You don't have to, but I will take it.

President Enarson:

I might remark that occasionally we win a case. For example, there was a person who was caught red-handed cheating and after due process and due consideration this person was either suspended or expelled. This person felt that this was a violation of civil liberties and took this case into federal district court and the University actually won. I do not recall this being interesting enough to be reported in the news, but we do win some.

Mr. Redman: You encouraged me.

President Enarson: Well not too much.

Dr. Sirak:

Take him up to your office, Madison, and show him the other twelve that are up there.

Mr. Scott: Once a day, Mr. Redman, at 9:00 and sometimes at 2:00 we get those.

Mr. Redman:

Well, I am going to propose a law someday when I get around to it and that is that people who bring these kind of actions in the nature of harrassment, which is

May 2, 1980 meeting, Board of Trustees

**COMMENTS - LITIGATION (contd)**

Mr. Redman: (contd)

what I consider it, because I wasn't even on the Board when this action took place in 1974. To be named a party defendant--to even have to open the mail, I think, is unconscionable, and I think that people who bring those kind of actions should be required to post a bond or something because I just finished a case out of New York where I was sued, and while the judge finally said, 'Well, no, Redman should not have been a party to it,' it cost me \$4,000 in attorney fees to get my name off the list. I think that's not right, but since it's all in competent hands, I will relax and I'll get my blood pressure down.

--O--

**CONGRATULATIONS - MR. HAVENS**

Mrs. James:

I'd like to offer our congratulations and the congratulations on behalf of the Board to Mr. Havens for his recent election or appointment as Chairman of the Board of Bank One Corp.

Mr. Havens: It was either that or public welfare unemployment.

Mrs. James:

We are very proud of you, and we wish you much success in your new position. I would remind you that the Hospitals Board will be meeting at 3:00, and you are all welcome to stay for the meeting and also attend the reception at 4:30.

Mr. Galbreath:

I would encourage, too, that the Board at least stay around to meet the new Board.

President Enarson: By all means.

--O--

Thereupon the Board adjourned to meet Thursday, June 12, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Patricia D. James  
Chairman

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**APPENDIX IV**

**Degrees Conferred at**

**THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION**

**June 13, 1980**

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## Recipients of Honors

### **John E. Corbally** **Doctor of Laws**

From professor and provost to chancellor and president, John Corbally has served with great distinction as a public diplomat in the cause of higher education. The imprint of his skilled administrative touch has been left upon every institution with which he has been associated. His adroit handling of issues, his unstinting devotion to excellence, his firm commitment to effective academic governance helped guide three universities through some of the most turbulent years in American history. The Ohio State University is privileged to honor him for his eminent career as teacher, scholar, and leader of the academy.

### **Edgar Dale** **Doctor of Humane Letters**

Internationally respected scholar and innovative teacher, Edgar Dale pioneered the use of audiovisual materials and brought a new dimension to learning. His seminal studies of vocabulary and clear expression opened the door to understanding for countless readers. As mentor and friend, he involved himself in the personal and professional welfare of his students. He gave that extra measure that marks the great teacher. Few have touched the lives of so many in so lasting a way as he has done. Through those who have been privileged to be his students and colleagues, Edgar Dale's influence continues across the world, in eloquent testimony to a full and productive life.

### **Laurence M. Gould** **Doctor of Science**

Outstanding international scientist-statesman, Laurence M. Gould is widely acknowledged as the person in this country who contributed most to the establishment of a strong scientific research program in Antarctica. He played the central role in guaranteeing that there would be full active scientific cooperation among all the nations engaged in Antarctic research. He was instrumental in assuring that university scientists and university-based programs would play a major part in the United States effort. The Ohio State University is honored to honor Laurence M. Gould for his long and illustrious career as scientist, explorer, scholar, and educator.

### **John G. Wagner** **Doctor of Science**

Recognized world leader in pharmaceutical research, distinguished alumnus of this University, John G. Wagner's entire career reflects a fundamental concern for the health and well-being of his fellow man. His contributions to the pharmaceutical development of drugs are widely acknowledged. Numerous patents and professional publications reflect the significance and scope of his studies. As author of the authoritative textbook in his field, he has provided a scholarly benchmark for training and research. National and international honors have followed, attesting to a career of unusual distinction. They stand as persuasive evidence that John G. Wagner has earned the highest accolade of all, the esteem of his professional peers.

# The Graduate School

Dean: Jules B. LaPidus

## Doctor of Musical Arts

John Theodore Emche, Jr., Baltimore, Md.; B.A. (Towson State College); M.M.; *Music*; Dr. Marshall H. Barnes

## Doctor of Philosophy

Ahmed El-Sayed Ahmed, Alexandria, Egypt; B.S., M.Sc. (Alexandria University) *Agricultural Engineering*; Dr. Mohamed Y. Hamdy and Dr. Warren L. Roller

Ahmed Humeida Ahmed, Kamlin, Sudan; B.Sc., M.Sc. (Khartoum University); *Agricultural Economics and Rural Sociology*; Dr. Dale W. Adams

Lori Ann Alexander, Brooklyn, N.Y.; B.S. (Brooklyn College); M.S. (University of Massachusetts); *Physical Education*; Dr. Edward L. Fox

Priscilla Ham Alexander, Worthington; B.A. (Wellesley College); M.S.W.; M.A.; *Education*; Dr. W. Frederick Staub

Radwan Abdul-Rahman Al-Jarrah, Mazar, Jordan; B.Sc. (University of Baghdad); M.S.; *Mathematics*; Dr. Ranko Bojanic

Stefan Thomas Andrew, Mansfield; A.B. (Harvard College); *Physics*; Dr. Charles A. Ebner

Russell Kirby Barrick, Jr., Orient; B.S.; M.S.; *Agricultural Education*; Dr. J. Robert Warmbrod

Jane Carter Bartlett, Reynoldsburg; A.B. (Ohio University); M.A.; *Education*; Dr. James V. Wigtil

Richard Marion Basel, Bradner; B.S., M.S. (Bowling Green State University); M.S.; *Horticulture*; Dr. Wilber A. Gould

Deborah Marie Birdwell, Columbus; B.S. (Kent State University); M.A.; *Physical Education*; Dr. Daryl L. Siedentop

Yvonne Luketich Blauvelt, Charleroi, Pa. B.S. (Indiana University of Pennsylvania); M.S.; *Slavic and East European Languages and Literatures*

Blannie Evans Bowen, Columbus; B.S., M.S. (North Carolina Agricultural and Technical State University) *Agricultural Education*; Dr. J. Robert Warmbrod

James David Brewer, Fairview Heights, Ill. B.A. (Northwestern University); M.A.; *Psychology*; Dr. Gerald A. Winer

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- Robert Louis Gagliardo, North Olmsted; B.A. (Cleveland State University); *Philosophy*
- Gayle Ann Galloway, Ashland, Ky.; B.A. (Transylvania University); *Education*
- Corinne Mazza Gamble; B.S. (Kutztown State College); *Education*
- John Edward Geiger, Hebron; B.S.; *Education*
- Bryan Douglas Gerber, Granville; B.S.; *Education*
- Athena Gini, Serres, Greece; Ptyhion (University of Thessaloniki); *Education*
- Peter Brian Goldthorpe, Toronto, Canada; B.A. (University of Western Ontario); *Philosophy*
- Ruth Gant Gonser, Columbus; B.S.; *Public Administration*
- James Alan Green, Bay Village; B.S.; *Physical Education*
- Nathan L. Griffin, Columbus; B.S.; *Education*
- Elizabeth Lennox Grover, Woodbridge, Va.; A.B. (Cornell University); M.P.A. (George Washington University); *Education*
- Deborah K. Gustafson, Cuyahoga Falls; B.S. (Kent State University); *Physical Education*
- Sandra Lee Haas, Cincinnati; B.S. (University of Cincinnati); *Education*
- James E. Hamer, Huron; B.S. (Bob Jones University); *Education*
- Janice Denise Hamlet, Reidsville, N. C.; B.A. (Johnson C. Smith University); M.A. *Education*
- Randal Martin Hardesty, Wooster; B.S.; *Education*
- Sheila Morris Harris, Columbus; B.S.Ed. (Ohio University); *Education*
- Carol Schaffer Hasbrouck, Columbus; B.S. (Miami University); *Education*
- Eugene Paul Hettel, Norwalk; B.S.; *Journalism*
- Dale M. Hilty, Belle Center; B.A. (Bluffton College); M.Ed. (Edinboro State College); *Education*
- Margaret Anne Holland, Ashland; B.S.Ed. (Kent State University); *Education*
- Deirdre Estelle Holmes, Fayetteville, N. C.; B.S.; *Education*
- Linda Powell Hulligan, Thornville; B.A.; *Geography*
- John David Hunter, St. Marys; B.S.S.W.; *Public Administration*
- Robert Dale Ickes, Huntington, Ind.; B.A. (Indiana University); M.A.; *Public Administration*
- Michael Guido Ignelzi, Big Bear Lake, Calif.; B.A. (University of California at Riverside); *Education*
- John L. Jackson, Columbus; B.S.B.A. (John Carroll University); *Economics*
- Moirae Lee Jackson, Fargo, N. Dak.; B.F.A. (University of Utah); *Dance*
- Paul Dana Jackson, Fayetteville, Ark.; B.F.A. (University of Utah); *Dance*
- Philip J. Jacobs, Columbus; B.A., M.A. (Collegium Canistanun Oemipotanun); *Philosophy*
- MaryLynn K. Jacobson, Worthington; A.D. (Duke University); *Education*
- Cynthia Ann Johns, Columbus; B.A.; *Philosophy*
- David Roger Joseph Johnson, Philadelphia; B.A. (College of the Holy Cross); *Education*
- Stephen M. Judah, Vincennes, Ind.; B.A. (Wabash College); *Education*
- David Howard Kalsbeek, Cincinnati; B.A. (Muskingum College); *Education*
- Lawrence Martin Kaplan, New Rochelle, N. Y.; B.A. (Ohio Wesleyan University); *History*
- Dean Kyle Kauffman, Worthington; B.A. (Baldwin-Wallace College); *Public Administration*
- Kathy Schaaaf Keller, Columbus; B.A. (Capital University); *Education*
- Donna Marie Kelley, Bellefonte, Pa.; B.S. (The Pennsylvania State University); *Education*
- Bruce Bryson Kern, Granville; B.S.; *Education*
- Patricia J. Kiefer, Columbus; B.A.; *Communication*
- Youngman Kim, Seoul, Korea; B.A. (Korea University); *East Asian Languages and Literatures*
- Robert George Kindmark, Newton, N. J.; B.A. (Allegheny College); *History*
- Cole C. Kingseed, Piqua; B.A. (University of Dayton); *History*
- Steven Edward Knicely, Harrisonburg, Va.; B.A. (James Madison University); *Slavic and East European Languages and Literatures*
- Melinda Anne Knight, Tallmadge; B.A. (Westminster College); *Romance Languages and Literatures*
- Terry Eugene Kopchak, Zanesville; B.S.; *Education*
- Cheryl V. Kriska, Columbus; B.S.Ed.; *Education*
- Sandra Yu-Wen Ku, Taiwan, R.O.C.; B.A. (Fujen Catholic University) *Education*
- Mary M. Lamon, Columbus; B.S.Ed.; *Education*
- Rebecca Annette Lee, Cincinnati; B.A. (Capital University); *Education*

- Lawrence J. Less, Pittsburgh, Pa.; B.A., (Minot State College); *Economics*
- Eric Charles Lewandowski, Toledo; A.B. (John Carroll University); *History*
- Fleming Ho-Min Liao, Taipei, Taiwan, R.O.C.; B.A. (National Cheng Chi University); *Journalism*
- Alison S. Linn, Delaware; B.S.; *Psychology*
- Marjorie Ann Lipshez, Hamden, Conn.; B.A. (Colgate University); *Education*
- John B. Lowe, Columbus; B.S. B.A.; *Public Administration*
- David Leopold Lowenstein, Olympia, Wash.; B.F.A. (Arizona State University); *Dance*
- Susan Arlene Lowry, Columbus; B.A., M.S. (University of Kentucky); *Public Administration*
- Mary Ventry Lundberg, Circleville; B.S.Ed. (Ohio University); *Education*
- Peter Mark Magolda, Stratford, N. J.; B.A. (LaSalle College); *Education*
- Denis Christopher Mair, East Canton; B.A.; *East Asian Languages and Literatures*
- Joanne Zinser Mann; B.S.; *Education*
- Donald L. Marshall, Stafford, Va.; B.S. (Virginia Commonwealth University); *Education*
- Janet M. Martin; B.A. (Marquette University); *Political Science*
- Ann Elizabeth Matheson, Willowick; B.A. (Kent State University); *English*
- Danny L. McBride, Idaho Falls, Ida.; B.A. (Idaho State University); *Physical Education*
- Michael John McDonnell; B.S. (Drake University); *Physical Education*
- Richard Lee McKee, Youngstown; B.F.A.; *Photography and Cinema*
- Bruce Porter McLane, Burbank; B.S. (United States Air Force Academy); *Education*
- Rebecca Ann Meffley; B.S., B.S. (Miami University); *Education*
- Jeffrey William Meusel, New Haven, Conn.; B.A. (Central College); *German*
- Susanne Miklautsch Meusel; Vordiplom (University of Vienna); *German*
- Daniel DeWitt Mickey, III, Mountain View, Calif.; B.Mus.; *Music*
- Artie Cornell Miller, Cincinnati; B.A.; *Education*
- Candace R. Miller, Lima; B.S.; *Education*
- Beatriz del Pilar Miranda, Mansfield; B.S. (Bowling Green State University); *Education*
- Kent Allen Mitchell, Columbus; B.A.; *History*
- Terry Wayne Mitchell, Phoenix, Ariz.; B.S. (Arizona State University); *Psychology*
- Kathleen Swank Monarchi, Mansfield; B.S.Ed. (Miami University); *Education*
- Paul William Morganski, Columbus; B.Sc., *Public Administration*
- Elizabeth Ann Mullarkey, Clintonville, Wis.; B.S. (University of Wisconsin at La Crosse); *Physical Education*
- Kathryn Ann Nadorff, Pittsburgh, Pa.; B.A. (St. Louis University); *Romance Languages and Literatures*
- Tatyana Khristova Nestorova-Matejick, Sofia, Bulgaria; B.A. (University of Sofia); *History*
- Robert Charles Newton; B.A. *History of Art*
- David Everitt Nichols, Ionia, Mich.; B.S.Ed.; *Physical Education*
- Kathryn Helen Obear, Cheverly, Md.; B.A. (Washington College); *Education*
- Rosemary Egondou Onyejekwe, Owerri, Nigeria; B.Sc. (University of Nigeria); M.S.; *Physical Education (Health Education)*
- Marie Hanna Oplech; B.S. (Winthrop College); *Education*
- Nancy P. Owen, Bexley; B.S.Ed. (Miami University); *Education*
- Donald Keith Parks, Louisville, Ky.; B.Mus.Ed.; *Music*
- Debra Ann Parmele, Columbus; B.S.Ed. (Florida Atlantic University); *Education*
- John Edward Parsons, Columbus; B.S.Ed.; *Education*
- Lesly Jean Patterson, Leetonia; B.A.; *Public Administration*
- Johnny Wayne Pettyjohn, Shelby, N. C.; B.S. (Johnson C. Smith University); *Education*
- Kaye Ann Pfister, Wooster; B.A. (Miami University); *Economics*
- Craig Lawrence Phelan, Dayton; B.A. (Miami University); *History*
- John Douglas Pierce, Columbus; B.S. (Ohio University); *Education*
- Rita Marian Pierce, Plymouth, Wis.; B.S. (Ferris State College); *Education*
- Laurel Ann Porro, Ridgewood, N. J.; B.S.; *Physical Education*
- Charles William Poth, Columbus; B.A.; *Public Administration*
- Annette Brinch Poulsen, Port Townsend, Wash.; B.A. (Washington State University); *Economics*
- Beverly Kinney Poulson, Worthington; B.S.N.; *Physical Education (Health Education)*
- Eva Kay Pound, Newark; B.S.; *Education*
- Reese Edward Price, Fullerton, Calif.; B.S. (California State University at Fullerton); *Philosophy*
- Anita Frances Pruitt, Thousand Oaks, Calif.; B.A. (Milligan College); *Music*
- Timothy M. Pryor, Struthers; A.B., M.A. (Youngstown State University); *Economics*
- Sandra Dawson Quimby, Coshocton; B.A., *Journalism*
- Marilyn Mason Reed, Columbus; B.S. (University of Wisconsin at Madison); *Education*
- Deborah A. Reindl, Fayetteville; B.A.; *Physical Education*
- Jeffrey Charles Resnick, Cleveland Heights; B.A.; *Communication*
- Michael Brad Reynolds, Wilmington; B.A.; *Public Administration*
- Pei-ju Riao, Taipei, Taiwan, R.O.C.; B.A. (National Taiwan University); *East Asian Languages*
- Robert Alan Ridewood, Columbus; B.A., B.S.; *Education*
- Diane Hunt Roberts, Columbus; B.S.Ed.; *Communication*
- April E. Ronca, Miami, Fla.; B.S.; *Psychology*
- Marilyn Ann Rose, Painesville Twp.; B.S.Ed. (Miami University); *Education*
- David Jonathan Rossington, St. Croix, U.S. Virgin Islands; B.A. (College of the Virgin Islands); *Education*
- William C. Ruoff, Columbus; B.S.Ed.; *Education*
- Patricia Theresa Russo, Norristown, Pa.; B.S. (East Stroudsburg State College); *Dance*
- Patricia M. Ryan; B.A. (Ohio Dominican College) *Education*
- Gretchen Anne Ryder, Dover, N. H.; B.S. (University of Maine, Farmington); *Education*
- Ann Frances Sabock, State College, Pa.; B.A. (The Pennsylvania State University); *Education*
- Izumi Saito, Ihara-gun, Japan; B.A. (International Christian University); *East Asian Languages and Literatures*

Raymond A. Schlabach, Plain City; B.A. (Eastern Mennonite College); *Linguistics*

Charles Walter Sears, Hilliard; B.S.Ed.; *Physical Education (Health Education)*

Wallace K. Sergeant, Jr., Columbus; B.A. (Miami University); *East Asian Languages*

Susan M. Shaffer, Worthington; B.S.E. (Ohio University); *Education*

Kathryn Press Sheehan, Columbus; B.S.; *Public Administration*

Randy J. Shields, Columbus; B.A. *Journalism*

Jeong-Shik Shin, Seoul, Korea; B. Commer. (Seoul National University); *Economics*

Linda Sue Sininger, Bryan; B.S. Ed.; *Education*

Mary Jane Skarakis, Hacienda Heights, Calif.; B.A. (University of California at Santa Barbara); *Education*

Susan K. Sklover, Hallandale, Fla.; B.S. (Tufts University); *Psychology*

James Alan Smith, Pittsburgh, Pa.; B.A. (The Pennsylvania State University); *Dance*

Kathryn Mary Smith, Delaware; B.A. (Allegheny College); *History*

Olivia Delores Smith, Jackson, Miss.; B.S. (Jackson State University); *Journalism*

Leonard Sparks, Jr., Oklahoma City, Okla.; B.A. (Lane College); *Political Science*

Gerald L. Stacey; B.A. (Dennison University); *Political Science*

Sandra Schrier Stephenson, Columbus; B.S., M.S.W.; *Public Administration*

JoAnn Stokes, Columbus; B.A.; *Black Studies*

Robert N. Stone, Miami, Fla.; B.Mgt.E. (Rensselaer Polytechnic Institute); M.B.A. (University of Miami); *Public Administration*

Rebecca Gage Stout, Rock Island, Ill.; B.A. (University of Illinois); *Education*

Steven K. Sunker, Reynoldsburg; B.S.Ed. (Ohio University); *Physical Education (Health Education)*

Julia Thomas Swenzy, Lancaster; B.S. (Ohio University); *Education*

Michael Lee Szymanski, Falls Church, Va.; B.A. (James Madison University); *Political Science*

Julianne Taaffe, Columbus; B.A. (Ohio Dominican College); *English*

Richard J. Tallman, Staten Island, N. Y.; B.A. (State University of New York at Geneseo); *Education*

Donald C. Taylor; B.S.Soc.Wel.; *Public Administration*

James Webster Thomas, Dayton; B.S.; *Education*

James Michael Tierney, Columbus; B.S. (University of Kentucky); M.B.A. (Xavier University); *English*

Vicki Lynn Tinsler, North Canton; B.S. (Ashland College); *Physical Education*

Katherine Trammell, Mt. Solon, Va.; B.S. (James Madison University); *Dance*

Linda LeBlanc Tschantz, Lexington; B.S.Ed.; *Education*

Phillip W. Uresy, North Chicago, Ill.; B.A. (Eureka College); *Political Science*

Charles W. Walker, Columbus; B.S.Ed.; *Public Administration*

Michael Elliot Wasserman, Columbus; B.A.; *Public Administration*

Robert Mark Randall Waterworth, Dayton; B.A.; *Anthropology*

Harriet M. P. Weatherford, Columbus; B.A. (Linfield College); B.S.; *Education*

Rebecca A. Weir, Butler, Pa.; B.A. (Wittenberg University); *Education*

Dennis P. Weller, Miamisburg; B.A. (Bowling Green State University); *History of Art*

Robert Dale West, Guymon, Okla.; B.S. (Oklahoma State University); *Education*

William Clyde Wilcox, Fairmont, W. Va.; A.B. (West Virginia University); *Political Science*

Patricia D. Williams, Paterson, N. J.; B.A. (Saint Augustine's College); *Public Administration*

Sharon Kay Klamfoth Williamson, Pickerington; B.A. (Capital University); *Education*

Carlton E. Wilson, Warrenton, N. C.; B.A. (North Carolina Central University); *History*

Leslie Robin Wolfe, Columbus; B.S.; *Business Administration*

John Dietrich Wragge, Norristown, Pa.; B.A. (Muhlenberg College); M.A. (Middlebury College); *Education*

Chih-Sheng Wu, Taipei, Taiwan, R.O.C.; B.S. (Soochow University); *Economics*

Hyeokkeun Yoo, Seoul, Korea; B.A. (Seoul National University); *Economics*

Mark H. Zietlow, Columbus; B.A. (Capital University); *Public Administration*

## Master of Business Administration

Lawrence Curtiss Abbott, Dublin; B.S. *Business Administration*

Samir A. Al-Shubaily, Jeddah, Saudi Arabia; B.S.C.E.; *Business Administration*

Raymond James Baker, Cincinnati; B.S. (Colorado State University); *Business Administration*

Gary Wayne Balhou, Columbus; B.S.I.S.E.; *Business Administration*

Henry Chester Beavers, Orient; B.S. (Campbell College) *M.S. Business Administration*

Gary L. Berndt, Columbus; B.I.A. (General Motors Institute); *Business Administration*

Susan M. Bottiggi, Syracuse, N. Y.; B.A. (Ohio Wesleyan University); *Business Administration*

Frank G. Bozick, Grandview; B.S.; *Business Administration*

Daniel Jay Bragg; B.S.; *Business Administration*

William Leggett Bridgen, Worthington; A.B. (Dartmouth College); *Business Administration*

George Sheldon Brookes, Westerville; B.A. (Otterbein College) *Business Administration*

Glendon William Brown, Chillicothe; B.S. (Miami University); M.S., Ph.D. (The Institute of Paper Chemistry); *Business Administration*

Michael L. Bruns, Kettering; B.S.Bus.Adm.; *Business Administration*

Mitchell James Bryars, Dayton; B.S. (Miami University); *Business Administration*

Jack David Buckner, Cleveland Heights; B.S. (Miami University); *Business Administration*

Charles S. Buemi, Westerville; B.S.; *Business Administration*

Mark J. Butterworth, Westerville; B.B.A. (Ohio University); *Business Administration*

Valerie Jean Cable, Freehold, N.J.; B.A. (College of William and Mary); *Business Administration*

Arnon Chait, Ramat-Gan, Israel; B.S.M.E., M.S. (Handassai Ort Technical College); *Business Administration*

Ping Chu, Taipei, Taiwan, R.O.C.; B.Bus. (Fu-Jen Catholic University); *Business Administration*

David Steven Colombo, Columbus; B.A. (Marietta College) *M.S.; Business Administration*

Paul Bartholomew Cressor, III; Marion; B.S. (Northwestern University); *Business Administration*

Donald L. Cullen, Worthington; B.S.E.P. *Business Administration*

Ralph J. DeMarco, Nanty-Glo, Pa.; B.A.; *Business Administration*

William Jerome Denk, Columbus; B.S. *Business Administration*

James Patrick Donlon, New Albany; B.S.; *Business Administration*

John Thomas Eastman, North Canton; B.S.M.E. (Michigan Technological University); *Business Administration*

- Robert George Elliott, Columbus; B.M.E. *Business Administration*
- Deborah Jane Folk, Worthington; A.B. (Miami University); *Business Administration*
- Alan Russel Ford, Columbus; B.A. (Judson College); *Business Administration*
- Robert Ross Freeborn, North Canton; B.A., B.S. Ed.; *Business Administration*
- Shirley B. Gansser, Worthington; B.S.B.A. (Wayne State University); *Business Administration*
- John Giammarella, Columbus; B.S. (Columbia University); *Business Administration*
- Martin Frederick Goetze, Bellevue; B.S.B.A. (Franklin University); *Business Administration*
- Robert G. Heilman, Columbus; B.S.M.E. (Purdue University); *Business Administration*
- John Richard Hoffmann, Columbus; B.E.E.; *Business Administration*
- Abby Elizabeth Hughes, Marathon, Fla.; B.A. (Beloit College); M.Ed. (The Johns Hopkins University); *Business Administration*
- Kenneth David Jamie, Worthington; B.S. (Purdue University); *Business Administration*
- David D. Jesse, Marion; B.S. (Miami University); *Business Administration*
- Mark Alan Johnson, Jamestown; B.S. (Miami University); *Business Administration*
- Marilyn Hobart Kinsey, Chillicothe; B.Sc. (The Victoria University of Manchester) M.Sc. (Institute of Paper Chemistry); *Business Administration*
- Chung Kil Kwak, Seoul, Korea; B.S. (Yonsei University); *Business Administration*
- Michael David Levitz, Columbus; B.S.; *Business Administration*
- Thomas Philip Locke, Alexandria, Va.; B.S.Bus.Adm.; *Business Administration*
- Ronald Arthur Losey, Cuyahoga Falls; B.A. (Lake Superior State College); *Business Administration*
- Paul Frank Madaio, Oxford, Mass.; B.A. (University of Wisconsin—Madison); *Business Administration*
- James Martin Marin, North Canton; B.S. (Pennsylvania State University); *Business Administration*
- Carlile Babcock Marshall, Columbus; B.A. (College of Wooster); *Business Administration*
- Frederick A. Matthews, Fostoria; B.Sc. *Business Administration*
- Sabra Lynn McConnell, Coshocton; B.S.Ed. (Bowling Green State University); *Business Administration*
- Terese Ann McLane, Aurora, Colo.; B.A. (Colorado Women's College); *Business Administration*
- Patrick T. McMahon, Cincinnati; B.S. (University of Cincinnati); *Business Administration*
- Karen Eileen McMullen, Baltimore, Md.; A.B. (Wilson College); *Business Administration*
- Murry James Mercier, III, Worthington; B.S.; *Business Administration*
- Jaye Claire Miller, Silver Spring, Md.; B.S. (Florida State University); *Business Administration*
- Mark Peters Monsarrat, Columbus; B.S.M.E., M.S.; *Business Administration*
- Dolores Mary O'Brien; B.S.; *Business Administration*
- James A. Ohlweiler, Kent; B.A. (Kent State University); *Business Administration*
- Carol Gwen Philbrick, Ada; B.A. (Ohio Northern University); *Business Administration*
- Pascal Popelier, Limoges, France; Diploma (Ecole Supérieure de Commerce et d'Administration des Entreprises de Poitiers); *Business Administration*
- Lana Loy Garner Porter, Chagrin Falls; B.A., M.A.T. (Murray State University) *Business Administration*
- Kevin I. Pownall, Toledo; B.A.; *Business Administration*
- Frances J. Purvis, Columbus; B.A. (Miami University); *Business Administration*
- Robert Collins Quinn, Westerville; B.A. (Ohio Wesleyan University) J.D.; *Business Administration*
- William Edward Rand, Granville; B.S. (Miami University); *Business Administration*
- Charles F. Rauch, Jr.; B.S., M.S. (United States Naval Academy); *Business Administration*
- Christopher John Reid, Urbana; B.A. (Baldwin-Wallace College); *Business Administration*
- James Edward Roberts, Jr., Canton; B.S. (Florence State Teachers College) *Business Administration*
- Sharon Lee Ruswinkle, Sylvania; B.A. *Business Administration*
- Dennis Gary Schaechter, Bardstown, Ky.; B.S.; *Business Administration*
- Gordon Everett Schaechterle, Jr., Norwalk; B.B.A. (Ohio University); *Business Administration*
- Carole A. Schermer, Columbus; B.S. (Notre Dame College); M.S. (John Carroll University); M.S.; *Business Administration*
- Thomas Joseph Seifert, Canfield; B.B.A. (Ohio University); *Business Administration*
- Ronald Marc Shkolnik, Columbus; B.A. (University of Wisconsin); *Business Administration*
- Mark A. Smiley, Canal Winchester; B. B. A. (Ohio University); *Business Administration*
- Gaylord Edwin Smith, Columbus; B.S.E. (Princeton University); *Business Administration*
- Beth Margo Spatz, River Vale, N. J.; B.S.B.A. (Boston University); *Business Administration*
- Timothy Michael Stock, Massillon; B.S. *Business Administration*
- Marybeth C. Sullivan, Bloomfield Hills, Mich.; A.B. (University of Michigan); *Business Administration*
- James Michael Tanner, Columbus; B.S. (United States Military Academy); *Business Administration*
- Silas Tarver, Toledo; B.S.C.E. (Toledo University) *Business Administration*
- Robert John Towles, Toledo; B.Sc. (University of Toledo); *Business Administration*
- Ross William Walker, Plain City; B.S. *Business Administration*
- Jerry Williamson Worley, Columbus; B.A. (Wabash College); *Business Administration*

## Master of City and Regional Planning

- Tracy C. Allen, Glen Cove, N. Y.; B.A. (State University of New York at Oswego); *City and Regional Planning*
- Clark Elwood Arneson, Crookston, Minn.; B.A. (Moorhead State University); *City and Regional Planning*
- Stahl Gregory Baker, Oberlin; B.A. (Howard University); *City and Regional Planning*
- Shirley L. J. Barney, Detroit, Mich.; B.A. (Wayne State University); *City and Regional Planning*
- Samuel Blackwell, Manning, S. C.; B.A. (Johnson C. Smith University); *City and Regional Planning*
- Gerard James Brems, Birmingham, Mich.; B.A. (University of Notre Dame); *City and Regional Planning*
- James A. Doyle, III, Red Bank, N. J.; B.A. (Marist College); *City and Regional Planning*
- Brian Joseph Gallagher, Worthington; B.S.; *City and Regional Planning*
- Maria Zertuche Gonzalez, Mexico City, Mexico; B. In Architecture (National University of Mexico); *City and Regional Planning*
- Donna M. Hanousek, Cleveland; B.A. (Cleveland State University); *City and Regional Planning*
- John Marcus Hirth, Columbus; B.A. (Miami University); *City and Regional Planning*

Doris J. James, Beatrice, Ala.; B.A. (Talladega College); *City and Regional Planning*

James M. Kell, Columbus; B.A. (Miami University); *City and Regional Planning*

Terry Ann Lurie, Liberty, N. Y.; B.A. (State University of New York at Oswego); *City and Regional Planning*

Magnus Paul Milanzi, Mtwara, Tanzania; Diploma (Ardhi Institute); *City and Regional Planning*

Mary Louise Pasholk, Columbus; B.A.; *City and Regional Planning*

Frank Pietravola, Eastlake; B.A. (Cleveland State University); *City and Regional Planning*

Jorge Resendiz Ordoñez, Mexico City, Mexico; Ade P. (Universidad Nacional Autónoma de México); *City and Regional Planning*

Theodore John Rieck, Nashua, N. H.; B.A. (University of New Hampshire); *City and Regional Planning*

Brent David Rosenthal, Columbus; B.A.; *City and Regional Planning*

James M. Rutala, Bridgeton, N. J.; B.A. (Seton Hall University); *City and Regional Planning*

James A. Sequin, Torrington, Conn.; B.A. (University of Connecticut); *City and Regional Planning*

Nimfa Restituta H. Simpson, Philippines; B.A. (Maryknoll College); *City and Regional Planning*

George C. Skarmear, Athens, Greece; Ptychion (National Technological Institute); M.Arch.; *City and Regional Planning*

Lee Owen Solow, Cranbury, N. J.; B.A. (University of Wisconsin); *City and Regional Planning*

Richard Alan Wells, Taholah, Wash.; B.A. (Central Washington State College); *City and Regional Planning*

Andrew Gray Young, Cincinnati; B.A. (Miami University); *City and Regional Planning*

## Master of Fine Arts

Chandra Denise Cox, Detroit, Mich.; B.A. (Hampton Institute); *Art*

Lynn B. Eder, St. Louis, Mo.; B.A. (Antioch College); *Art*

James J. Hendrickx, Mt. Vernon; B.A. (Moorhead State University); M.A. (University of North Dakota); *Art*

Pamela Cottier Keech, Elyria; B.F.A.; *Art*

John C. Rager, Fredericktown, Pa.; B.S. (California State College); *Theatre*

John R. Starkey, Newcomerstown; B.F.A.; *Art*

Susan K. Warren, Fairview, Mo.; B.S.Ed. (Southwest Missouri State University); *Theatre*

William Jaime Winsor, Wilmington; B.A. (Wilmington College); *Theatre*

## Master of Health Administration

Rodney Lee Aries, Olympia, Wash.; B.S. (University of Washington); *Allied Medical Professions*

Wilbur Vogt Arnold, III, Massillon; B.S. (Bowling Green State University); *Allied Medical Professions*

Spencer Edmunds Boyer, Jr., Mifflinburg, Pa.; B.S. (The Pennsylvania State University); *Allied Medical Professions*

Thomas A. Daniels, Georgetown, Guyana; B.A. (Oakwood College); *Allied Medical Professions*

Robert H. DaPrato, Celina; B.Sc. *Allied Medical Professions*

Gail Christine Dieffenbach; B.A. (Ursinus College); *Allied Medical Professions*

James Paul Ewashenko, Warren, Mich.; B.S. (Michigan State University); *Allied Medical Professions*

William J. Griffin, Brushton, N. Y.; B.S. (St. Lawrence University); *Allied Medical Professions*

Richard A. Hanson, Price, Ut.; B.S. (University of Utah); *Allied Medical Professions*

Bryan Daniel Hehemann, Cincinnati; B.S. (University of Dayton); *Allied Medical Professions*

Jack David Holt, Reynoldsburg; B.S.; *Allied Medical Professions*

Terry L. Jones, Columbus; B.S. (Kent State University); *Allied Medical Professions*

Dean Raymond Judkins, Columbus; A.B. (Ohio University); *Allied Medical Professions*

Dan Bennett Lang; B.A. (University of Minnesota at Minneapolis); *Allied Medical Professions*

Michael Lawrence Reichfield, East Meadow, N. Y.; B.S. (State University of New York at Stony Brook); *Allied Medical Professions*

Willard H. Rosegay, San Francisco, Calif.; B.S. (University of California at Berkeley); Pharm.D. (University of California at Berkeley); *Allied Medical Professions*

Sister Susan Schorsten, Youngstown; B.S.N. (Saint John College); M.S. (University of Minnesota); *Allied Medical Professions*

John Douglas Simon, Pittsburgh, Pa.; B.A. (Washington and Jefferson College); *Allied Medical Professions*

David Alan Stephens, Columbus; B.S. (Franklin University); *Allied Medical Professions*

Donald Joseph Wadle, Columbus; B.A. (Saint Ambrose College); *Allied Medical Professions*

LaMar L. Wyse, West Liberty; B.A. (Malone College); *Allied Medical Professions*

## Master of Labor and Human Resources

James F. Adams, Columbus; B.S.; *Labor and Human Resources*

Lowell E. Crable, Jr., Columbus; B.S.; *Labor and Human Resources*

Patricia Ann Di Palma, Lancaster; B.S. (Ball State University); *Labor and Human Resources*

Mark Dennis Larson, Des Moines, Ia.; B.G.S. (University of Iowa); *Labor and Human Resources*

Thomas L. Mirgon, Zanesville; B.S.; *Labor and Human Resources*

Joanne Lambert Sammons, Cambridge, Mass., B.A.; (University of Massachusetts); *Labor and Human Resources*

Donald Joe Van Meter, Spencer; B.S.; *Labor and Human Resources*

## Master of Landscape Architecture

Sara Katherine Williams, Maxeys, Ga.; Bachelor of L.A. (University of Georgia); *Landscape Architecture*



## Master of Music

- Jonathan Allen Colegrove, Greenwich, Conn.; B.S. (University of Connecticut); *Music*
- Daniel Francis D'Addio, Newburgh, N. Y.; B.M. (University of Hartford); *Music*
- Rebecca Ellen Evans, San Diego, Calif.; A.B. (San Diego State University); *Music*
- Kyung-hee Yu Lee, Seoul, Korea; B.M. (Seoul National University); *Music*
- Susan Gail Miller, Columbus; B.Mus.; *Music*
- Karen Williams Romeo, Leawood, Kans.; B.Music (Northwestern University); *Music*
- Richard E. Romeo, Andover, Mass.; B.Music (Northwestern University); *Music*
- William R. Stewart, Culpeper, Va.; B.M.E. (Virginia Commonwealth University); *Music*
- Elizabeth Anne Young, Circleville; B.M. (Capital University); *Music*

## Master of Public Administration

- Robert G. Adamson, II, Lordstown; B.A. (College of Wooster); *Public Administration*
- Denise A. Bechtel, Hilliard; B.S.Nurs.; *Public Administration*
- Linda S. Becker, Columbus; B.S.Ed.; *Public Administration*
- Cheryl Ann Bivins, Kansas City, Mo.; B.S. (Tuskegee Institute); *Public Administration*
- Jill Allison Semon Fergus, Morgantown, W. Va.; B.S.J. (Ohio University); *Public Administration*
- Colleen Woods Gotherman, Worthington; B.A.; *Public Administration*
- Melissa Lynn Green, Tipp City; B.A.; *Public Administration*
- Mary Grace Holland, Ashland; B.A.; *Public Administration*
- William C. Jennison, Mentor; B.A. (Miami University); *Public Administration*
- Robert Lee Johnson, Massillon; B.A. (Capital University); *Public Administration*
- Brett Ellison Jones, Columbus; B.S. (Bowling Green State University); *Public Administration*
- Ann Verna Kibler, Binghamton, N. Y.; B.A. (Hartwick College); *Public Administration*

- Wyatt Andrew Kingsseed, Sidney; A.B. (Miami University); *Public Administration*
- James Edward Krygier, Rockford, Mich.; B.S.; *Public Administration*
- Jeanne Louise MacMillan, Sylvania; B.A. (Miami University); *Public Administration*
- Dale Michael Musilli, Mansfield; B.S.; *Public Administration*
- William Julius Orosz, Highland Heights; B.S. (Miami University); *Public Administration*
- Barbara Ann Rich, Mayfield Heights; B.A. (Miami University); *Public Administration*
- Ralph Taylor Schoneman, La Quinta, Calif.; B.A. (University of California at Riverside); *Public Administration*
- Kenneth L. Shellberg, Columbus; B.S.; *Public Administration*
- Patricia E. Skuse, Rochester, N. Y.; B.A. (Denison University); *Public Administration*
- Scott Donald Solsman, Columbus; A.B. (Oberlin College); J.D.; *Public Administration*
- Katherine A. Tatterson, Columbus; B.A.; *Public Administration*
- Robert Anthony Victor, Cambridge; B.S. (Earlham College); *Public Administration*
- Douglas Karl Weik, Lakeside, Conn.; B.S. (Bates College); M.S.; *Public Administration*
- Shirleen Wilson, Salters, S. C.; B.S. (Benedict College); *Public Administration*

## Master of Science

- Molly Aalysen, Columbus; A.B. (Boston College); *Home Economics*
- Nabil Mohammed Abu-Jbara, Gaza, Palestine; B.S. (University of Mississippi); M.S.; *Computer and Information Science*
- Millicent Maykuth Adams, Columbus; B.S. (Miami University); *Home Economics*
- Roberta Lynn Albright, Dayton; B.S.Agr.; *Agricultural Education*
- Ali Abdullah Al-Fayez, Kuwait City, Kuwait; B.S.E.E. (University of Wisconsin); *Electrical Engineering*
- Radwan Abdul-Rahman Al-Jarrah, Irbid, Jordan; B.Sc. (University of Baghdad); *Computer and Information Science*
- Mary Suzanne Aller, Great Falls, Va.; B.S. (Virginia Polytechnic Institute and State University); D.V.M.; *Veterinary Pathobiology*
- Myra Darlene Alley, Meadow Bridge, W. Va.; B.S. (Concord College); *Home Economics*
- Marinez M. Alves de Lima, Sao Paulo-SP, Brazil; B.S. (University of Sao Paulo); *Plant Pathology*
- Etim Anwana Amba, Oron, Nigeria; B.Sc. (University of Nigeria); *Agronomy*
- Gary James Andrasko, Columbus; O.D.; *Physiological Optics*
- Salvatore M. Anzalone, Brooklyn, New York, N. Y.; B.S. (Polytechnic Institute of Brooklyn); *Metallurgical Engineering*
- LuAnn Aquino, Pittsburgh, Pa.; B.A. (Washington and Jefferson College); *Biochemistry*
- Freda Machel Ashbaugh, Chillicothe; B.A. (Northland College); *Plant Pathology*
- Panagiotis Demetrios Aslanides, Thessaloniki, Greece; D.D.S. (Aristotle University of Thessaloniki); *Dentistry*
- Mohammad Reza Azimi Tabrizi, Tehran, Iran; B.S.; *Industrial and Systems Engineering*
- James Michael Bain, Beavercreek; B.S. (Ohio University); *Electrical Engineering*
- Anelia Balale, Euclid; B.S.; *Allied Medical Professions*
- Robert W. Ball, Columbus; B.S.E.E.; *Computer and Information Science*
- William Joseph Barson, Warren; B.S. (Cornell University); M.D.; *Medical Microbiology*
- David A. Bates, Cambridge; B.A. (Capital University); M.S.; *Computer and Information Science*
- David J. Bean, Cowlesville, N. Y.; B.A. (State University College of New York at Oswego); *Zoology*
- Mark Allen Bernstein, Plainview, N. Y.; B.A. (State University of New York — Albany); *Mathematics*
- Douglas H. Bigelow, Middletown, Conn.; B.A. (Wesleyan University); *Computer and Information Science*
- Thomas Dell Bigley, Jr., Columbus; B.S.Pharm.; *Pharmacy*
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- Yehuda Bock, New York, N. Y.; B.A. (New York University); B.Sc. (Technion-Israel Institute of Technology); *Geodetic Science*
- George Franklin Boone, Jackson, Mich.; B.S. (Michigan Technological University); *Natural Resources*
- Essaid Bouktache, Boghni, Algeria; Engineer's Degree (Polytechnical School of Algiers); *Electrical Engineering*

- Gary Lee Brannick, Springfield; B.S.; *Mathematics*
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- Gary Lee Brock, Defiance; B.S.; *Geology and Mineralogy*
- Francis M. Brockmeyer, Jr., Columbus; *Natural Resources*
- Mary Lou Brown, Canal Winchester; B.S. Ed.; *Environmental Biology*
- Gary D. Burton, Marion; *Physiological Optics*
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- William Brent Green, Jr., Abilene, Tex.; B.S. (Abilene Christian University); *Genetics*
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- Marvin L. Grieve, Jr., Medina; B.S.; *Civil Engineering*
- Richard Anderson Grover, Columbus; B.S. (University of Connecticut); *Pharmacy*
- Rahim Ghorbanzadeh Haghighi, Shiraz, Iran; B.S.; *Civil Engineering*
- Richard Evan Halverstadt, Columbus; B.A. (Case Western Reserve University); M.S. (Kyung Hee University) *Mathematics*
- Reed Kenneth Harney, Columbus; B.S.; *Mathematics*
- Christena Marie Harvey, Bellefontaine; B.S.; *Geology and Mineralogy*
- Nicholas James Hennessy, Goshen, Ind.; B.S. (Muskingum College); *Zoology*
- Joseph Bernard Herten, Cleveland; B.S.; *Industrial and Systems Engineering*
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- J. David Jones, Wooster; A.B. (Wilmington College); *Animal Science*
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- Linda Ann Karaculoff, Guilderland, N. Y.; B.S. (Russell Sage College); *Allied Medical Professions*
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- Joseph G. Kircher, Columbus; B.S.; *Agricultural Education*
- Nathan Kimutai Kirui, Kericho, Kenya; B. Veterinary Medicine (University of Nairobi); *Veterinary Pathobiology*
- Keith Alan Knabe, Newark; B.S.; *Geology and Mineralogy*
- Jeffrey James Koncal, Middleburg Heights; B.S.; *Horticulture*
- Frank Marc Kozak, Orchard Park, N. Y.; B.S. (Syracuse University); *Geology and Mineralogy*
- Stephen John Kroll, Alpena, Mich.; B.A. (Kalamazoo College); *Chemistry*
- Abdussalam Mohammad Lakloul, Tripoli, Libya; B.S. (University of Tripoli); *Horticulture*
- Bom Soon Lee; B.S. (Seoul National University); *Metallurgical Engineering*
- Cynthia Ann Lee, Bloomingdale; B.S.; *Agricultural Education*
- Arthur P. Lemay, Westbrook, Me.; B.S. (University of Connecticut); *Pharmacy*
- Peggy Sue Lemon, Newark; B.S. (Morehead State University); *Home Economics*
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- Gwendolyn C. Lueke, Miamisburg; B.S.Hec. (Ohio University); *Home Economics*
- Nancy Wright Lund, Worthington; B.S. (University of Michigan); B.S. (Eastern Michigan University); *Allied Medical Professions*
- Mostafa Madani, Tehran, Iran; B.Sc. (Tehran University); *Geodetic Science*
- Jose A. Maiz Aguinaga, San Sebastian; Licenciado en fisica (University of Navarra); *Electrical Engineering*
- John Joseph Maney, Beverly, Mass.; A.B. (Dartmouth College); *Electrical Engineering*
- Larry Dean Markley, Orrville; B.S.; *Veterinary Preventive Medicine*
- Robert Edward Marshall, Old Mystic, Conn.; B.S. (Rensselaer Polytechnic Institute); *Computer and Information Science*
- Mary Ellen McCarthy, West Springfield, Mass.; B.S. (University of New Hampshire); *Microbiology*
- Lester F. McConville, New Waterford; B.S. (United States Military Academy); M.S. (University of Northern Colorado); *Industrial and Systems Engineering*
- Charles Frederic McCord, Jr., Welch, W. Va.; B.S. (Virginia Polytechnic Institute and State University); *Computer and Information Science*
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- Janeal Mika, Garfield Heights; B.A. (Ohio Northern University); *Mathematics*
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- Joe Russell Miller, Worthington; B.S. (United States Military Academy); M.A. (Webster College); *Civil Engineering*
- Robert S. Miller; B.A. (Brown University); *Industrial and Systems Engineering*
- Ross William Miller, Crestline; B.S.; *Animal Science*
- Scott D. Miller, Columbus; B.S.E.E.; *Electrical Engineering*
- Bagyo Y. Moelodihardjo, Jakarta, Indonesia; Sorjana Teknik (University of Indonesia); *Computer and Information Science*
- Thomas Anthony Montagnese, Lorain; D.D.S.; *Dentistry*
- Arturo C. Montero, San Jose, Costa Rica; Licenciata (Universidad de Costa Rica); *Civil Engineering*
- Samuel B. Mukasa, Kampala, Uganda; B.S. (University of New Hampshire); *Geology and Mineralogy*
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- Tamara Lynn Nelson, Chillicothe; *Natural Resources*
- Sister Marguerite O'Brien, Wheeling, W. Va.; B.S. (Wheeling College); *Pathology*
- Kunle Ogunde, Lagos, Nigeria; B.S. (University of Michigan); *Chemical Engineering*
- Ibrahim Ali Olwi, Saudi Arabia; B.S. (University of Petroleum and Minerals); *Mechanical Engineering*
- Eldirdiri Mohamed Osman, Khartoum, Sudan; B.Sc. (University of Khartoum); *Horticulture*
- Zolkepli B. Othman, Seremban, NS, Malaysia; Diploma (Universiti Pertanian—Malaysia); B.S. (University of California at Davis); *Animal Science*
- Eric N. Parthemore, Kenton; B.S.; *Agricultural Economics and Rural Sociology*
- Mary Jo Farley Paugh, Columbus; B.S.; *Agricultural Education*
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- Pamela S. Pfum, Columbus; B.S.; *Mathematics*
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- Debra T. Poling, Circleville; B.S.Nurs.; *Nursing*
- Stephen Keith Pollard, Burlingame, Calif.; B.A. (California State College—Sonoma); *Agricultural Economics and Rural Sociology*
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- Stanley F. Quayle, Columbus; B.S.E.P.; *Computer and Information Science*
- James Marvin Raber, Columbia Station; B.S.; *Dairy Science*
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- Jane Elizabeth Reef, Sardis; B.S.Agr.; *Animal Science*
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- Edward Roscoe Richter, Columbus; B.S.; *Microbiology*
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- Philip Cole Ross, Jr., Huntington, Ind.; B.S. (Indiana University); *Chemistry*
- Seyed Mohammad Hossain Saifzadeh, Abadan, Iran; B.S. (Lamar University); *Civil Engineering*
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- Albert R. Sanders, Columbus; B.S. (Loyola University); *Mathematics*
- Brian Robert Scalley, Cleveland; B.S.; *Electrical Engineering*
- David Lee Scott, Akron; B.S. (Kent State University); *Physiology*
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- Ajit Singh, Youngstown; B.A., M.A. (University of Delhi); *Geodetic Science*
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- Larry Lee Steele, Nelsonville; B.S.; *Allied Medical Professions*
- Joseph Stefan Stibrich, Fairview Park; B.S.C.E.; *Civil Engineering*
- Janet Ileen Stich, Wadsworth; B.A. (College of Wooster); *Preventive Medicine*
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- David Neil Streater, Chagrin Falls; B.M. (Cleveland Institute of Music); *Mathematics*
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- Agnes Marie Vargo, McKeesport, Pa.; B.S. (California State College); *Entomology*
- Sirinart Vasanavathana, Bangkok, Thailand; B.S. (Mahidol University); *Pharmacy*
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- Ibrahim A. Wahem, Syria; B.S. (Damascus University); *Horticulture*
- David J. Waller, Mentor; B.S. (University of Toledo); *Pharmacy*
- Susan Ensor Waters, Medina; B.S.; *Mathematics*
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## Master of Social Work

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Elizabeth C. Bird, North Canton;  
*Social Work*

Timothy A. Bourdess; B.A. (University of  
Pittsburgh); M.A.; *Social Work*

Janet L. Brewer, Upper Arlington; B.S.;  
*Social Work*

Barbara C. Bufford, Columbus; B.S.  
(Tennessee Agricultural and Industrial  
State University); *Social Work*

Deborah Jameson Butler, Columbus;  
B.S.S.W.; *Social Work*

Margaret Sue Chernek, East Liberty;  
B.S.; *Social Work*

Michelle Hanson Cooper, Tulsa, Okla.;  
B.S.Soc.Wel.; *Social Work*

Mary Elizabeth Cowardin; B.A. (Ohio  
Dominican College); *Social Work*

Ann P. Cowden, Elyria; B.A. (Muskingum  
College); *Social Work*

Carol Potterton Davis; A.B. (Emory  
University); *Social Work*

Barbara L. Dobie, Akron; B.S.W.  
(University of Akron); *Social Work*

Deborah Ann Dowd, Greensboro, N.C.;  
B.A. (Guilford College); *Social Work*

Cathleen Laurie Durkin, McHenry, Ill.;  
B.S.S.W. (Florida International  
University); *Social Work*

Lynn A. Elliott; B.A. (Antioch College);  
B.S.S.W. (University of Cincinnati);  
*Social Work*

Susanne Smith Elrod, Columbus; A.B.  
(University of Michigan); *Social Work*

Carroll John Espy; B.A. (Wright State  
University); *Social Work*

Jan Marie Evans, Cleveland; B.S.;  
*Social Work*

Nancy J. Everett, Warren; B.A. (Kent  
State University); M.A.; *Social Work*

Mary Ellen Feuker, Bayonne, N. J.; B.A.;  
*Social Work*

Jacquelyn Fokes; A.B. (Ohio University);  
*Social Work*

Gordon Michael Francisco, Loudonville;  
B.S.Soc.Wel.; *Social Work*

Carol M. Fredrich, Columbus; B.A.  
(Capital University); *Social Work*

Rosanne Elizabeth Friedlander, Mobile,  
Ala.; B.S.Ed.; *Social Work*

Linda Wright Garbo, Gloucester; A.B. (Ohio  
University); *Social Work*

Blanche Eileen Giess, Akron; B.A.  
(University of Akron); *Social Work*

Stefanie Gold, New York City, N. Y.;  
B.A. (State University of New York at  
Oneonta); *Social Work*

Isabel MacIver Hadden; B.A.; *Social Work*

Joanne Bush Haeefe, Worthington; B.S.Ed.  
(State University of New York at  
Cortland); *Social Work*

Gregory C. Harrison, Cleveland; B.A.  
(Bowling Green State University);  
*Social Work*

Christine Miller Hayes, Columbus; B.S.  
(Central State University); M.S. (Xavier  
University); *Social Work*

Janice K. Heikes, Riley, Kans.; B.A.  
(Kansas State University); *Social Work*

Mary Lou Heischman, Galena; B.A.  
(Hanover College); *Social Work*

Paul Steven Heller, Rego Park, N. Y.;  
B.A.; *Social Work*

Donald Martin Horn, Columbus; B.S.Ed.;  
*Social Work*

Ann Hotz, Marion; B.A. (Ohio Dominican  
College); *Social Work*

Deborah Ann Hurwitz, Southfield, Mich.;  
B.S.S.W. (Michigan State University);  
*Social Work*

Pia Jacangelo, Fairfield, N. J.; B.A.  
(Montclair State College); *Social Work*

Kathleen M. Kitchen, Toledo; A.B. (Ohio  
University); *Social Work*

Marcia Beth Kleinert, Columbus; B.A.  
(College of Wooster); *Social Work*

Ann Marie Kunkler, Worthington; B.A.  
(Ursuline College); *Social Work*

Laura Lynne Lathrop, Los Angeles, Calif.;  
B.S.W. (Loyola-Marymount University);  
*Social Work*

Jerome S. Levin, Orlando, Fla.;  
B.S.Soc.Wel.; *Social Work*

Ethel Singer Levy, Columbus; B.A. (Ohio  
Dominican College); *Social Work*

Donna Lynn Lowry, Columbus; B.A.  
(Miami University); *Social Work*

Marilyn K. Mackey, New Philadelphia;  
B.A.; *Social Work*

Nellie Elizabeth Smith Martin, Springfield;  
B.S. (Anderson College); M.A.; *Social  
Work*

Cynthia Ann Mason, Mount Vernon; B.S.,  
B.S.Ed. (Bowling Green State University);  
*Social Work*

Michael Ward Mason; B.A. (American  
University); *Social Work*

Rosemary McConnell, Lorain; B.S. (Kent  
State University); *Social Work*

Leesa Ann McGuire, Gallipolis; B.A.  
(Marshall University); *Social Work*

Patrick Joseph McNally, Youngstown;  
B.A. (Youngstown State University);  
*Social Work*

Judith Schwartz Mellman, Columbus;  
B.S., M.A.; *Social Work*

Susan Lynn Melvin, Dayton; B.A.  
(Wittenberg University); *Social Work*

Debby Froebe Merritt; B.S.; *Social Work*

Julianne Mogavero, Logan; B.A. (Ohio University); *Social Work*

Charles S. Monroe, Springfield; B.S. (Ferris State College); B.A. (Cedarville College); *Social Work*

Sharon Denise Moore, St. Louis, Mo.; B.S.; *Social Work*

Robin Carol Morris, Ridgewood, N. J.; B.A. (Wittenberg University); M.A.; *Social Work*

David P. Moxley; B.A.; (Wayne State University); M.A. (Oakland University); *Social Work*

Karl Henry Mueller, Columbus; B.A.; *Social Work*

Dan Kevin Niles, Bucyrus; B.S.Soc.Wel.; *Social Work*

Wendy Ann Nobile, Morristown, N. J.; B.A. (Rutgers University); M.A.; *Social Work*

Gertrude Monica Nowak; A.B. (John Carroll University); *Social Work*

Lloyd L. Osborne, Jr., Columbus; B.S. (Urbana College); *Social Work*

Michael D. O'Sullivan, Columbus; B.A. (Indiana University of Pennsylvania); *Social Work*

William F. Phillips, Columbus; B.S.Soc.Wel.; *Social Work*

Sandra Yvonne Pope, Charleston, W. Va.; B.S.W. (West Virginia State College); *Social Work*

Lauree Raica, Westerville; B.S.; *Social Work*

Nancy Lynn Rankin, Springfield; B.A. (Wittenberg University); *Social Work*

Rhonda Elaine Reagh, Mt. Vernon; B.A.; *Social Work*

Brenda Kay Richardson, Madison, N.C.; B.A.; *Social Work*

Marianne Robbins, Havertown, Pa.; B.A. (Gettysburg College); *Social Work*

Denise J. Robinson, Cincinnati; B.S.; *Social Work*

Deborah Rothstein, Fair Haven, N.J.; B.A. (Newark State College); *Social Work*

William P. Ryan, Jr., Cincinnati; B.A.; *Social Work*

Marianne Sachs, Cincinnati; B.A. (University of Cincinnati); *Social Work*

Linda A. Saridakis, Cleveland; B.A. (Cleveland State University); *Social Work*

Warriet Savage, III, Columbus; B.S.Soc.Wel.; *Social Work*

Gary Michael Schaeufele, Akron; B.A. (University of Akron); *Social Work*

Bobbie Ruth C. Schrider, Cincinnati; B.A. (University of Cincinnati); *Social Work*

JoAnn L. Secord; B.A. (The College of Steubenville); *Social Work*

Mark R. Sellers, Springfield; B.S. (Miami University); *Social Work*

Patricia E. Silagy-Wesson, Canton; B.A. (Kent State University); *Social Work*

Marcy Faye Silver; B.S. (Ohio University); *Social Work*

Patricia E. Smith, Reynoldsburg; B.A. (Akron University); *Social Work*

Mary Louise Snider, Lima; B.S.S.W.; *Social Work*

Lester E. Spratley, Newport News, Va.; B.A. (Dartmouth College); M.A.; *Social Work*

Yvonne E. Stepter, Shreveport, La.; B.A. (Wright State University); *Social Work*

Deborah Lynn Sterling, Eatontown, N. J.; B.A.; *Social Work*

Jill E. Sturm, Lancaster; B.A. (Asbury College); *Social Work*

Janet May Susman, Wadsworth; B.A. (University of Akron); *Social Work*

D. Jeffrey Thomas, Columbus; B.A. (Miami University); *Social Work*

Ramona Kay Thomas, Dayton; B.A. (Wright State University); *Social Work*

Angela Caruso Thorman, Cincinnati; B.S. (University of Cincinnati); *Social Work*

Linda Joyce Tooms, Marion; B.S. Soc. Wel.; *Social Work*

Bettye Pfau Vicent, Mansfield; B.A. *Social Work*

Catherine Vos, Columbus; A.B. (Ohio University); *Social Work*

Franklin B. Watkins, Columbus; B.A. (Muskingum College); M.A. (Southern Illinois University); *Social Work*

Mary Kathryn West, Youngstown; A.B. (Youngstown State University); *Social Work*

Patricia D. Williams, Paterson, N. J.; B.A. (Saint Augustine's College); *Social Work*

Sandra Jeanne Wilson, Cincinnati; B.A. (University of Cincinnati); *Social Work*

Kathleen Rose Wimer, Cincinnati; B.A. (University of Cincinnati); *Social Work*

Nancy Ann Fowler Withers, Portsmouth; A.B. (Ohio University); *Social Work*

Martha Ann Wolford, Columbus; B.A. (Wittenberg University); *Social Work*

Penny M. Worcester, Columbus; B.A., M.A.; *Social Work*

Susan E. Wright; B.S. (University of Pittsburgh); M.A.; *Social Work*

Julia Ann Stallkamp Yang, Dayton; B.A. (University of Dayton); *Social Work*

### **Certificate of Specialist in Educational Administration**

Brian R. O'Mara, Hilliard; B.A. (Kent State University); M.A.; *Education*

### **Certificate of Specialist in Translation of Russian in the Social Sciences**

Bruce A. Collins, Columbus; B.A.; *Slavic and East European Languages and Literatures*

Robert D. Gross, Richmond, Va.; B.A.; *Slavic and East European Languages and Literatures*

## **Colleges of the Arts and Sciences**

Chairman, Coordinating Council of Deans: Diether H. Haenicke

Vice Provost for the Arts and Sciences: Thomas A. Willke

The College of the Arts and Sciences, a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematical and Physical Sciences

College of Social and Behavioral Sciences

## **College of the Arts**

Dean: Andrew J. Broekema

### **Bachelor of Arts**

Keith M. Abramson, Cleveland Heights  
Anne Travis Blair, Columbus  
Jean-Pierre Paul Boustany, Huntingdon Station, N. Y.  
David Bruce Brethauer, Columbus  
Serena Diane Campbell, Galloway  
Anne Marie Duross, Toledo  
David Lee Emerson, Findlay  
Samuel David Gee, Columbus  
Deborah Ann Gunther, Columbus  
Patricia Helen Heaton, Bay Village  
Julia Ann Heine, Ashley  
Gary B. Iacano, Bedford Heights  
Juliet Rose Kampe, Columbus  
Richard Neil King, Marysville  
Vance A. Koehler, Forest  
Edward D. Kosmac, Cleveland  
Joyce Ann Kowcheck, Youngstown  
Elizabeth Anne Lantz, Columbus  
Susan Lee Ware McDonald, Columbus  
Robert Alan Meetin, Geneva  
James L. Murphy, Dayton  
Julie A. Nichols, Cincinnati  
Laura Jean O'Neil, Columbus  
Valentin Popov, Westlake  
Diane Rumberger, Westerville  
Edward Neal Schiebel, Cincinnati  
Nancy Sepúlveda, Columbus  
Robert Frederick Shepperly, Wilton, Conn.  
Kelly Lynne Sigler, Pemberville

David James Snyder, Columbus  
 Carol Sampsel Spahlinger, Columbus  
 Kyle David Stoner, Galion  
 Michael Anthony Weir, Columbus  
 Debra Jo Williams, Columbus  
 James Mark Wolfe, Columbus  
 David John Zappala, Cleveland

## Bachelor of Fine Arts

Gregory Cox Anderson, Columbus  
 Anne Meredith Austin, Columbus  
 Dixie Ellen Baker, Worthington  
 Jacqueline Lee Barr, Wooster  
 Nicholas Dean Blosser, Columbiana  
 Lisa Maxwell Callahan, Columbus  
 Jerrold John Cole, Idaho Springs, Colo.  
 Kathryn Lynn Corbin, Columbus  
 Nancy Louise Dragan, Ravenna  
 Barbara Sue Duis, Columbus  
 Mary Anne Edgington, Columbus  
 Margaret Trillena Edwards, Springfield  
 Susan Ellen Esterwood, Cleveland  
 Kip M. Frankenberg, Newark  
 Pamela Yvette Freelan, Miami, Fla.  
 Aimee Laurel French, South Euclid  
 Lisa Beth Goodman, Beachwood  
 Mary Madora Hamilton, Columbus  
 Vicky Lynn Harris, Centerville  
 Suzanne Guinioux Hay, Grove City  
 Susan Maria Hidy, Grove City  
 Emilia Amy Ivanoff, Columbus  
 Jennifer Maria Jones, Pittsburgh, Pa.  
 Linda Gail Krouse, San Diego, Calif.  
 Harriett Beth Laughlin, Columbus  
 Marilyn Wilson Lococo, Columbus, B.A.  
 Nina Maria Lucas, Dayton  
 Rose Joanne Lucas, Marblehead  
 Marguerite Marie Maugans, Marion  
 Heywood McGriff, Jr., Massillon  
 Roy L. Meyers, Columbus  
 Thomas Donald Milburn, Columbus  
 Richard Lynn Mills, Marion  
 Randall Lee Minnehan, Columbus  
 Christina Lynn Moorehead, Denton, Tex.  
 Karen Foycik Morse, Youngstown  
 John Michael Nolan, Naples, Fla.  
 Mary Beth Obert, Columbus  
 Loucinda Patricia Palella,  
 White Plains, N. Y.  
 Pamela Marie Palumbo, Columbus  
 David W. Pampuch, Columbus  
 Amy Josephine Peterson, Dayton  
 Patricia Nelson Samler,  
 Woodcliff Lake, N. J.  
 Mark Alan Schenthal, Metairie, La.  
 Laura Jane Schroeder, Perrysburg  
 Hazelan Sheehan, Reynoldsburg  
 Matthew Graham Smith, Lorain  
 Melissa Marshall Smith, Columbus  
 Susan D. Tsaife, Columbus  
 Jeffrey Gerard Turner, Columbus  
 Mark Andrew Tye, Cleveland  
 Lens Ann Warrick, Columbus  
 Linda Susan Weiner, Cherry Hill, N. J.  
 Dreama Faye Williams, Columbus

## Bachelor of Music

Alison Kaye Clark, Columbus  
 Louis Thomas Gintner, Cleveland  
 Laura Marie Hewitt, Cincinnati  
 David John Marshall, Westerville

Scott Phillip Michal, Columbus  
 Linda Hofstetter Nolan, Worthington  
 Anne Papai, Columbus  
 A. Joseph Pasquarello, Columbus  
 Byron Wenrick Puderbaugh, Columbus  
 Julie Ellen Snider, Columbus  
 Steven Eric Sonntag, Ft. Jennings  
 David Lancaster Tolley, Worthington  
 Julie Loren Wells, Vienna, W. Va.

## Bachelor of Art Education<sup>1</sup>

Joan Marcy Adelstein, Levittown, Pa.  
 Janet June Betz, Bexley  
 Yolanda Maeda Brunetto, Columbus  
 Ida Jean Bruntz, Columbus  
 Kevin Michael Chapman, Bryan  
 Cynthia Diana Hout Hornikel, Mansfield  
 Georgia Patricia Washburn Johnson,  
 Galloway  
 Linda Gail Krouse, San Diego, Calif.  
 John Gibson Lynch, Columbus  
 Mary Therese Persi, Columbus  
 Susan Lynn Portz, Maitland, Fla.  
 Joyce Ann Saliba, Caldwell  
 Karen Sue Waidner, Columbus  
 Linda Susan Weiner, Cherry Hill, N.J.

## Bachelor of Music Education<sup>1</sup>

Teresa Vos Avci, Dane, Wis.  
 Janet Louise Azallion, St. Clairsville  
 Raymond Thomas Bock, Cambridge  
 Christine Beth Braumbaugh, Hoytville  
 William Joseph Crofts, III, Cleveland, Tenn.  
 Jan Z. Duga, Bexley  
 Karen Diana Dunn, Bronx, N. Y.  
 Kathleen Elizabeth Durig, Dayton  
 Mark Christopher Ely, Columbus  
 Thomas Lee Gall, B.M., Columbus  
 Bruce Carl Gilmore, Canton  
 Louis Thomas Gintner, Cleveland  
 Daniel Wesley Gordon, Delaware  
 Brian Rock Griebel, Bay Village  
 Jeffrey Lewis Groff, Columbus  
 Kathleen Hard, Columbus  
 Timothy Jay Jameson, Zanesville  
 John Andrew Kitchens, Marietta  
 Paul Robert Laird, Bridgewater, N. J.  
 Richard Bradley Lehman, Kettering  
 Donna Lynn Leistner, Columbus  
 Leslie Jean Loomis, Columbus  
 James Edward Morgan, Whitehouse  
 Thomas Joseph O'Shaughnessy,  
 Sheffield Lake  
 Douglas Richard Parrott, Englewood  
 Tari Lynn Quincy, Hamilton  
 John Robert Roth, Kingsport, Tenn.  
 Lisa Elaine Sanders, Toronto  
 Jeffrey Lynn Smalley, Columbus  
 Stephen Barrett Stought, Pickerington  
 Rita L. Stumpf, Westerville  
 Patricia Anne Stumphauer, Avon  
 Jane Elizabeth Ward, Woodstock  
 Edward D. Williams, Lancaster  
 Sandra Diane Wyrick, North Olmsted  
 Joseph M. Zerucha, Columbus

## Bachelor of Science in Audio Recording

John David Chovan, North Olmsted

## Bachelor of Science in Industrial Design

Anne Marie Baker, Sylvania  
 John Michael Belovsky, Columbus  
 Diane Leigh Biehl, Parma Heights  
 Christine Dee Bloomfield, Westerville  
 Barbara Lynn Born, Columbus  
 Marla Kay Brown, Fredericktown  
 Nancy Lynn Brown, Columbus  
 David Alexander Brundrett, Troy  
 Thomas Richard Byrnes, Villanova, Pa.  
 Cynthia Michelle Byrns, Dublin  
 Donna Gail Byrom, Niles  
 Brendan Ross Cuddihoe, Columbus  
 Dennison Kris Dimit, Marietta  
 Susan Kay Ehrman, New Washington  
 Joseph Galate, Kansas City, Mo.  
 Sheri Lynn Gammon,  
 South Palm Beach, Fla.  
 Scott Eugene Grafmiller, Columbus  
 Mark William Groves, Canal Winchester  
 Kimberly Ann Handshue, Pittsburgh, Pa.  
 Courtney Keith Hayes, Jefferson  
 Gina Marie Huff, Columbus  
 Michael Scott Kerth, Vandalia  
 Daniel Lee Kidwell, Ann Arbor, Mich.  
 Kathryn Mary Lorens, Birmingham, Mich.  
 Pamela Anne Marotte, Columbus  
 Vickie S. Marsh, Columbus  
 Robert Johnstone McCutcheon,  
 Braddock Heights, Md.  
 Melissa Jane Metcalf, Columbus  
 Fredrick John Miller, Miamisburg  
 Lance William Morris, Cleveland  
 Susan Diane Myers, North Olmsted  
 Ruth Amy Needham, Columbus  
 Mark Steven Porro, Columbus  
 Kevin James Reeder, Columbus  
 Sally Louise Schively, Lima  
 Elaine Marian Stevens, Worthington  
 Michael David Stewart, Houston, Tex.  
 Karen Jill Stone, Brecksville  
 Jay Rory Thompson, Youngstown  
 Kathleen Sue Varn, Canton  
 Janet Zimmerman, Springhouse, Pa.

# College of Biological Sciences

Dean: Patrick R. Dugan

## Bachelor of Arts

Jefferson Mark Burroughs, Batavia  
 Miles Brent Deeth, Warren  
 Bharathi Jayanthi, Toledo  
 John Thomas Loper, Cincinnati  
 Michael W. McCreary, Columbus  
 Rebecca Flowers Raby, Columbus  
 John A. Ritchie, Warren  
 William Richard Schafer, Columbus  
 Stephen Scott Snedden, Sandusky

<sup>1</sup> Offered jointly by the College of the Arts and the College of Education

Cathleen Jo Terhune, Dayton  
Chris Paul Williams, Columbus  
Ruth Rifka Winter, Columbus  
Barbara Jean Wurth, Columbus Grove

## Bachelor of Science

Teri Ellen Adelman, Park Forest, Ill.  
Hursel Lee Adkins, Jr., Paulding  
Keith James Alexander, Pemberville  
Russell Craig Bales, Bellefontaine  
Benjamin Edward Ball, Bellevue  
Gregory John Beck, Maineville  
Laralee Marie Becker, Akron  
Marlene A. Bednar, Boardman  
Bryan Edward Beggin, Lima  
Stephen James Belli, Jr., Campbell  
John Bentel Bennett, Jr., Cincinnati  
Michael John Blake, Grove City  
Regina Lee Black, Ashville  
Mark Dean Bobulski, Columbus  
Harold Peter Bogner, Jr., Columbus  
Robert Terence Bonace, Mansfield  
James Brian Brawley, Huron  
Victoria Ann Briggs, Worthington  
Joyce J. Brim, Findlay  
Michael John Brooker, Cincinnati  
L. Michael Bull, Worthington  
Leora Ellen Burdge, Germantown  
Ann Kimberly Burkhalter, Centerville  
Wendy Jo Burley-McCurdy, Cuyahoga Falls  
Floyd Eric Bush, Mt. Gilead  
Christina R. Cardaci, Columbus  
Douglas Alan Cardwell, Uniontown  
Dean Alan Carmichael, Parma  
Leslie G. Carr, Dayton  
Mary Colleen Cashman, Columbus  
Gregory Colangelo, Mansfield  
Keith Alan Cooper, Fairborn  
George Sarkis Coury, Canton  
Robert Paul Cox, Brooklyn  
Paul William Craven, Dayton  
Charles P. Daily, Columbus  
Sherry Lynne Davidson, Louisville, Ky.  
Lisa Mae Deems, Mansfield  
Robert A. Dickhaut, Columbus  
Antonio Mario DiSante, Columbus  
Charles L. Dolin, Fair Lawn, N. J.  
David Michael Drees, Columbus  
Gay Elizabeth Early, Ostrander  
Eugene Joseph Enzweiler, Southgate, Ky.  
Karin S. Fester, Columbus  
Jeanne Carol Fiorito, Hudson  
James William Fletcher, Columbus  
Joel L. Flora, Brookville  
Howard Alan Friedman, Beachwood  
Susan Kay Friedman, Batavia  
Edward Stanley Gensicki,  
New Haven, Conn.  
Thomas Leonard Geraci, Pepper Pike  
Brian Marshall Gibson, Cincinnati  
Jennifer Sue Grace, North Olmsted  
David Arthur Greenberg, Columbus  
Patricia Lynn Guard, Columbus  
John LeRoy Hadden, Manahawkin, N. J.  
Margaret Isobel Hazlett, Columbus  
Michael Scott Helman, Columbus  
Rossalind Follett Holland, Columbus  
Michael Paul Holloway, Willowick  
Cynthia Ann Holtzapel, Ironton  
Patricia Ann Hooker, Cincinnati  
Craig A. Householder, Louisville  
Valerie Ann Ims, Cincinnati  
Daniel Jaskowiak, Columbus  
Bradley Keith Jeren, Youngstown  
Henry Christopher Jeu, Centerville  
Cynthia Ann Jones, Mansfield

Robin Elizabeth Jones, Dover  
Thomas Crawford Jones, Jackson  
Pamela Remley Katko, Columbus  
David Joseph Kaufman, Clyde  
George William Keller, Columbiana  
Matthew John Kelly, Dayton  
Frederick Dale Kinsey, Columbus  
Richard Michael Klein, Highland Heights  
Richard T. Knox, Raynham, Mass.  
Sally Kobee-Ludwig, Columbus  
Ruth Anne Koutras, Canton  
Orest Bohdan Kowalsky, Lake George, N. Y.  
Robert Paul Krauss, Saginaw, Mich.  
Joseph James Larkin, Jr., Amlin  
Pamela Kay Lee, Mansfield  
Kaye Ann Linke, Genoa  
Sahba E. Ma'Ani, Columbus  
David Francis Machnicki, Columbus  
Winward Lee MacKewitz, McKeesport, Pa.  
David Mandalinich, Parma  
George Michael Martin, Columbus  
Margaret Ann Masterson, New Lexington  
John Raymond Maxwell, Lakewood  
Mary Katharine McCormick, Cincinnati  
Derrick Durand McElroy, Dayton  
John William McEwen, Columbus  
Lee McHenry, Cincinnati  
James V. McKinnell, Columbus  
Debra Lee Mikulski, Sandusky  
David Keller Miller, Jr., Lancaster  
Raymond J. Miller, Lima  
Michael Mark Milner, Lorain  
Irene Renee Mirkin, Youngstown  
John Timothy Moor, Westerville  
Amanda Janice Muench, Miamisburg  
Stephen R. Murphy, Cincinnati  
Douglas A. Myers, Columbus  
Barbara Jeanne Nelson, Worthington  
Molly Jane Norris, Grove City  
Rex Alan Olson, Ashland  
Irene Dace Osia, Bexley  
Thomas Gerard Overmeyer, Defiance  
Jeffrey L. Paige, Mentor  
Stephen William Parker, Delaware  
Scott Ellis Patterson, Dover  
John Paulian, Gahanna  
Mark Julius Pellegrino, Canton  
Katherine Jane Perry, Elyria  
Mark Alan Pluto, Columbus  
Ina Pogos, Columbus  
David Charles Puleo, Carnegie, Pa.  
Leone Michael Pulella, Mayfield Heights  
Timothy William Rhoads, Utica  
Gary Michael Richard, Columbus  
Sarah Jean Rockey, Chagrin Falls  
Roberta Michelle Rose, South Euclid  
Scott Leslie Rose, South Euclid  
Edward James Rotmensch, Cincinnati  
Bradley E. Rudolph, Alliance  
Gregory Lewis Rupright, Sidney  
Gregory L. Salzman, Columbus  
Eduardo R. Santiago,  
Guaynabo, Puerto Rico  
Scott Allen Schaefer, Euclid  
Jerome Thomas Schlachter, Toledo  
Cindy Lynn Schoonover, Mason  
James Richard Schwamburger, Portsmouth  
Lawrence Edward Schwartz, Trotwood  
Donna Jean Sexton, Maple Heights  
Jo Ann Shafer, Mansfield  
Jeffrey Fain Shall, Toledo  
Thomas Michael Shedan, II,  
Parkersburg, W. Va.  
Samuel Eugene Smiley, Poland  
Lawrence William Smith, Columbus  
William A. Snyder, Jr., Cairo, W. Va.  
Wendy Gale Sowder, Mason  
Paul Barrington Spalding, North Miami  
Beach, Fla.

Linda Carol Starr, Dayton  
Yolanda Stonom, Cincinnati  
John Maron Thomas, Warren  
José Antonio Torres,  
San Lorenzo, Puerto Rico  
Julius V. Toth, Northwood  
Bruce Edward Treiber, Canton  
Scott Bruce Tribuzi, Copley  
Michael Shane Turner, Wintersville  
Shawn Paul Van Hove, Rayland  
Brynn Van Putten, Centerport, N. Y.  
Ronald J. Veia, Westlake  
David Howard Vezzella, Wellsville  
Richard Lawrence Wallace, Worthington  
Kirk Gibson Warner, Greenville  
James Douglas Warren, Clayton, Mo.  
Charles Edward Werner, Jr., Chillicothe  
Gregory Mel Wieland, Columbus  
Michael Brian Williams, Toledo  
Valerie Jean Williams, Farmersville  
Randy Eugene Wilson, Newark  
Randy Eugene Winks, Chillicothe  
Douglas Paul Winslow, Westlake  
Martin J. Woebkenberg, Lebanon  
Douglas Byron Woodmansee, New Vienna  
John Dwight Wyrick, Columbus  
Robert William Yost, Clayton  
Meredith Elaine Young, Medina  
Thomas William Zulliger, Lima

## College of Humanities

Dean: Diether H. Haenicke

### Bachelor of Arts

Geoff Abbate, Columbus  
Gary A. Ahlstrom, Alliance  
Lisa Ann Antolino, Columbus  
Andrea Michelle Attaway, Dayton  
David Alan Axelrod, Columbus  
Sherron C. Bailey, New Albany  
Sandra L. Baney, Grove City  
John Lewis Bayz, Columbus  
Rosemary Ann Beck, Perrysville  
Dorothy Fegley Benke, Worthington  
Julie Blum, Dayton  
Barbara H. Boring, Worthington  
Mark Charles Brookes, East Liverpool  
Thomas Joseph Burns, Westminster, Colo.  
Don Eugene Burton, Columbus  
Betty Huyen Buu, Columbus  
Lynn Kay Carnes, Rapid City, S. D.  
Charles K. Chalfant, Columbus  
Michael Paul Clark, Pataskala  
Sandra Beth Cohen, Dallas, Tex.  
Kevin Robert Coleman, Lyndhurst  
Kevin James Contos, Columbus  
Patricia Regina Coolman, Wadsworth  
Troy Lyn Coon, Columbus  
Kim Joseph Davies, Columbus  
Timothy James Dawe, Lima  
Nancy Jane Decker, Troy  
Stephanie J. DiPietro, Louisville  
Jeffrey Morris Drummond, Groveport  
Donna Lee Dunsworth, Maple Heights  
Timothy Gerald Elliffritt, Columbus  
Bonnie Jean Ellis, Delaware  
Linda Joyce Ely, Gahanna  
Wendy Ellen Fisher, Columbus  
Michael L. Fitzpatrick, Columbus



Michael Robert Flam, Spring Valley, N. Y.  
 Richard E. Flory, Troy  
 Lorraine Vivienne Forte, Columbus  
 Kelly Freeman Foster, W. Palm Beach, Fla.  
 Michael Ray Freeman, Marion  
 Karen Elizabeth Gates, Columbus  
 Michael Gfoeller, Fremont  
 Deborah Ann Giesman, Columbus  
 Carol Louise Gilkey, Toledo  
 Kyle Richard Gilliland, Wellston  
 Sheila Ann Glover, Newark  
 Charlotte Merriman Hamilton, Columbus  
 Linda Kay Hange, Lucas  
 Judith Lynne Hennessy, Columbus  
 Rachel Conrad Hertzman, Louisville, Ky.  
 Steven Douglas Hinkle, Centerville  
 Ralph Charles Hopkins, Pickerington  
 Kathryn Marie Jakubisin, Euclid  
 Nancy Mariett Jimison, Granville  
 Richard McClelland Jones, Columbus  
 Vickie J. Jones, Upper Sandusky  
 Jeffrey Michael Kompier, Adena  
 Denise DesGrossilliers Lacki,  
 Chateaugay, N. Y.  
 Michael Richard Laman, Akron  
 Jennifer Ann Lantz, Granville  
 Susan Christine Lenz, Slippery Rock, Pa.  
 Denio Angelo Leone, Youngstown  
 Suzanne M. L'Esperance, Columbus  
 Teresa Whitenack Lewis, Columbus  
 Edward E. Lightle, Washington C. H.  
 Robert Bogdan Liss, Upper Arlington  
 Terry L. Lones, Kenton  
 Marilyn Zeldman Long, Columbus  
 Lauren Lubow, Columbus  
 Scott Mitchell Mandel, Columbus  
 Stephanie D. Marshall, Columbus  
 Clorinda Jean Matro, Kettering  
 Louise Renee McAfee, Columbus  
 Sandra Jeanne McCoy, Lancaster  
 Rosemary Anne McMasters, Columbus  
 Jacqueline Meszaros, Perth Amboy, N. J.  
 Janice Marie Meyer, Springfield  
 Scott Edward Miner, Chardon  
 Melissa Johnston Molnar, Columbus  
 Michelle Elizabeth Neill, Columbus  
 Larry Jefferson Nelle, Columbus  
 Jeanne Nugent, Rocky River  
 Andrew Mark Oblak, Highland Heights  
 Timothy Mahlon Offenberger, Malvern  
 Kathleen Margaret O'Leary, Cleveland  
 James David Pawlik, Middleburg Heights  
 Cathy Thomas Peebles, Columbus  
 Patricia Louise Phillips, North Canton  
 Amy Ruth Piel, Maumee  
 Philip Piemonte, Newark  
 Suzanne Greye Pitcairn, Columbus  
 Nelson E. Pletzer, Columbus  
 Melanie Hope Pokorski, Madison  
 Jack Douglas Pursley, Newark  
 David Nicholas Rapp, Columbus  
 Jeffrey Lee Reed, Lima  
 Suzanne Elizabeth Ress, Columbus  
 Karen Rosneck, Columbus  
 Elizabeth Jo Ross, Elyria  
 David William Russ, Cleveland Heights  
 Thomas Michael Sabol, Mingo Junction  
 Jay Martin Sadler, Columbus  
 David Irwin Schiff, Yellow Springs  
 Stuart Sheldon Schlotterbeck,  
 South Charleston  
 Richard Kenneth Schwartz, Youngstown

Angela M. Scott, Marion  
 Carol Joanne Senek, Warren  
 James Harry Shaull, Tiffin  
 Susan Marie Sheller, West Jefferson  
 Jill Ann Sherman, Columbus  
 Julie Ann Shuptrine, Columbus  
 Terrance Terrell Smith, Dayton  
 John Robert Spring, Great Falls, Va.  
 Samuel Robert Starr, Columbus  
 Rodney Lynn Stephan, Columbus  
 Theresa J. Taylor, Kingston  
 Paul Michael Thomas, Columbus  
 Rebecca C. Tittel, Columbus  
 Thomas Fitzgerald VanHorne, Columbus  
 Irene Janet Volodkevich, Medina  
 Scott William Wagner, Granville  
 Ellen Marie Walsh, Pittsburgh, Pa.  
 Jane Frances Walsh, Pittsburgh, Pa.  
 Kim Louise Weber, Marion  
 Melissa Ann Welch, Worthington  
 Virginia Nelle Winchester, Columbus  
 Robert John Winston, Mansfield  
 Michelle Marie Witchey, Shelby  
 Connie Louise Wolcott, Columbus  
 Karl Fredrick Zahn, Mansfield

## College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

### Bachelor of Arts

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 Kevin Patrick Korterud, Reynoldsburg  
 Jay Kevin Morgan, Columbus  
 Pamela Marie Pozderac, Garfield Heights  
 Mary A. Siders, Euclid  
 Thomas Gerald Tarter, Jr., Thornville  
 Gary Christopher Thompson,  
 Springfield, Va.  
 Jill Ann Williams, Dayton

### Bachelor of Science

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 Richard Blaine Alley, Worthington  
 Douglas B. Barnett, Berea  
 Gerald Carl Bernsten, Columbus  
 Peter William Bickel, Columbus  
 James Lawrence Bighouse, Columbus  
 John Michael Boyer, Prospect  
 Mark Bushek, Worthington  
 Nancy Ellen Childress, Columbus  
 Kristina Anna Cholic, Cleveland  
 Jeffrey Dale Christman, Columbus  
 Matthew John Desch, Dayton  
 Michael John Dickman, Coldwater  
 Leslie Karen Dowell, Whitesboro, N. Y.  
 Betsy J. Dransfield, Portsmouth  
 Mary Dylewski, Wintersville  
 Susan Lynne Einsel, Dover, N. J.  
 Eric Charles Flint, West Unity  
 James Alan Francisco, Columbus  
 Julie Ann Gay, Zanesville  
 Lynn Cheryl Geiger, Cincinnati  
 Elizabeth Joy Goldrich, Cleveland

David Gerald Hale, Strongsville  
 Paul Douglas Hampton, Newark  
 Thomas More Kallman, Wadsworth  
 Scott Gerard Kinnear, Hull, Mass.  
 Gene F. Knapke, Minster  
 James George Kotsanos, Columbus  
 Ray P. Ladrick, Columbus  
 Cathy A. Landon, Upper Arlington  
 R. David Langhorst, Huntsville  
 Carol Suzanne Lydic, Akron  
 Michael Dean McGinnis, Middle Point  
 Corinne Idell Miller, Mentor  
 Susan Margaret Miller, Waterford  
 James Kevin Mitchell, Loveland  
 Steven Victor Moody, Newark  
 Lisa Anne Ramey, Marion  
 Kevin J. Reardon, Fremont  
 Timothy Edward Reineck, Fremont  
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 Kevin Gale Richardson, Baltic  
 Cynthia J. Romanowski, Lakewood  
 Michael Aaron Rosen, Alliance  
 Mark Rosenstein, South Euclid  
 David John Rowan, Parma  
 Larry Salazar, Valencia, Venezuela  
 Dana Karl Schirtzinger, Columbus  
 Paul William Schuh, Newark  
 John Franklin Scott, Westerville  
 Eric A. Shives, Orient  
 Christopher Alan Slapack, Parma  
 Dean August Smith, Wadsworth  
 George H. Spies, Dover  
 William M. Sullivan, Ocean Springs, Miss.  
 Barbara Isabella Taylor, Columbus  
 Robert Joseph Taylor, Shelby  
 Mary Lee Tisdell, Cleveland  
 Warren G. Uxley, Jr., Gallion  
 Joseph Richard Vonarx, Jr., Columbus  
 Karen Lynn Wales, Poland  
 Donald Lee White, Enon  
 Willis Eugene Wilcoxson, Jr., Columbus  
 Paul Charles Wood, Columbus  
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## College of Social and Behavioral Sciences

Dean: S. Earl Brown

### Bachelor of Arts

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 Lois Ann Aerni, Findlay  
 Helena Sue Agriesti, Columbus  
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 Stacy Lyn Anderson, Columbus  
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 Mary Louise Ask, Columbus  
 Bennett David Aster, South Euclid  
 Gary S. Axelband, Beachwood  
 Louis Azman, Cleveland  
 Sharon Ann Back, Mt. Orab  
 Beverly Carol Bader, Troy  
 Sharon Renay Baker, Mansfield  
 Robert A. Barach, Hammondsville

Phyllis Lynn Barrett, Columbus  
 Carol Marie Bartell, Rocky River  
 Anna Lynn Bates, Columbus  
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 Kimberly René Beem, Pataskala  
 Timothy Allen Bell, Fairless Hills, Pa.  
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 Lorri Louise Besst, Rocky River  
 James William Bethel, Steubenville  
 Barbara Leslie Bimber, Cincinnati  
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 Elizabeth Suzan Bodnyk, Worthington  
 Judith Elizabeth Bole, Dayton  
 Terri Ellen Borkan, Cleveland  
 Kathy L. Bowman, Dayton  
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 Marion Ann Brauner, Columbus  
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 Stephanie René Echols, Columbus  
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 Brian Daniel Flanagan, Columbus  
 Lawrence P. French, Columbus  
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 Beatriz Garcia, Warren  
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 Dawn Marie Gonzales, Lakewood  
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 Jeffrey L. Huntley, Columbus  
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 Zena Christel Jackson, Endicott, N. Y.  
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 Susan Jeanne Janosko, Lexington  
 Ronald Matthew Jasinski, Manville, N. J.  
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 Dusty Johnson, Upper Sandusky  
 Shirley Jean Johnson, Columbus  
 Valerie Davina Johnson, Mt. Vernon, N. Y.  
 Susan Manley Jolly, Columbus  
 Gary Eugene Jones, Bellefontaine  
 Steve William Jones, Toronto, Canada  
 Mary Jean Kalis, Elyria  
 Akira Kan, Tsuruoka, Japan  
 Susan J. Kaplan, Cincinnati  
 Richard Raymond Karn, Bexley  
 Cynthia Holmes Kendall, Cincinnati  
 Carolyn Mary Kennedy, Bexley  
 Robert Oliver Eugene Keyes, Columbus  
 Crystal Ann Kilbarger, Carroll  
 Glen Jeff Kindness, Hamilton

Thomas Neal King, Columbus  
 Susan Lynn Kirchner, Aurora  
 Donna L. Kirkham, Columbus  
 Ingrid D. Klawns, Springfield  
 Pamela Sue Klug, Bridgeport  
 Hilary Alice Knapp, Dayton  
 Jayne Ann Knost, New Bremen  
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 Mary Elizabeth Kovacs, Fairview Park  
 Kimberlee Jean Krueger, Rocky River  
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 Randolph, N. J.  
 Bryan C. Lee, Trenton, N.J.  
 Peter Martin Lehman, Strongsville  
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 Mary Kathryn Liebold, Toledo  
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 Diane Luteran, Garfield Heights  
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 John M. Manos, Seville  
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 Gordon Robert Massey, Columbus  
 Kathleen Marie McCann, Strongsville  
 Stephanie Lynn McColister, Zanesville  
 Rochelle Ann McCracken, Dayton  
 Diane R. McCurdy, Delaware  
 Jennifer Joan McDonald, Columbus  
 Rita McGowan, North Ridgeville  
 Michael Dean McLaughlin, Fairborn  
 Sally Elizabeth McLaughlin, Columbus  
 Omia Nadine Meehan, Columbus  
 Diane Marie Messmer, Bexley  
 James Shane Metcalf, Toronto  
 Laura Lee Metzger, Maumee  
 George S. Mikulanic, Florence, Ky.  
 Michael N. Miller, Miamiville  
 Sandra Jean Miller, Mark Center  
 Sharon Louise Miller, Cincinnati  
 William Edward Miller, Middletown  
 Kenneth Alan Mocniak, Columbus  
 Amy Jo Mohr, Shreve  
 Mary Catherine Mohr, Portsmouth  
 Daniel Patrick Molnar, North Canton  
 Peter Moon, Lorain  
 Andrea Gleave Moore, Columbus  
 James Alan Moore, Hilliard  
 Betty Johnson Morris, Columbus  
 Alan Gordon Thomas Morse, Worthington  
 Mark Alan Mossing, Napoleon  
 David D. Mouery, Newton Falls  
 Robyn Muskat, New York, N. Y.  
 Christine Frances Nader, Columbus  
 William J. Nagel, Columbus  
 Brian Douglas Nardone, Columbus  
 Thomas Michael Nassief, Ashtabula  
 Barry Allen Nateman, Columbus  
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 Nancy Helen Nickerson, Shaker Heights  
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 Jeanette Allison Olsen, Ashtabula  
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 D. William Orr, Columbus  
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 Kathleen Marie Page, Moreland Hills

Sundy Palioyras, Cincinnati  
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 Janice Marie Paulus, Houston  
 Joseph Paul Payne, Columbus  
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 Timothy A. Perdue, Columbus  
 Sophia Eleni Perialas, Pickerington  
 Dean Arthur Phrrman, Cincinnati  
 Rebecca Ann Phillips, Cincinnati  
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 James Edward Powell, Brecksville  
 Lowell Bryan Price, Grove City  
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 Teresa Lynn Ramborger, Cardington  
 Denise Sue Randall, Toledo  
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 Karen Kay Ray, Columbus  
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 Anne Kathleen Reddington, Dayton  
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 Thomas H. Rhine, Columbus  
 Linda Marie Rieser, Dayton  
 Kathleen Marie Roch, Youngstown  
 Richard David Ronk, Mansfield  
 Shannon Eileen Rooney, Columbus  
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 Gary Howard Ross, Columbus  
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 Rosemary Ruth, Marion  
 Lynn Marie Salisbury, Columbus  
 Karen Lynn Sasaki, Chesterland  
 Cindy Lee Satterfield, Lorain  
 Bruce Allen Seckel, Marion  
 Patricia Ann Seitz, Columbus  
 Denise Elizabeth Sells, Monroe  
 Mona Ann Serotta, Rossview, Ga.  
 James Joseph Sgambellone, Lucas  
 Chetuan Lorene Shaffer, Columbus  
 John Raymond Shipman, Troy  
 Michael Gaen Shoemaker, Columbus  
 Sheree Lee Sievert, Columbus  
 Joseph C. Slater, Wooster  
 Valerie Kay Smith, Dresden  
 Scott Alan Smylie, Beachwood  
 Linda Renee Snead, Columbus  
 Robert Lee Sorrell, Columbus  
 Gary William Spatz, Mansfield  
 MaryAnn Spieker, Toledo  
 Marcia Lee Stein, Columbus  
 Dirk Douglas Steiner, Wapakoneta  
 Debra Lynn Steinman, Toledo  
 Tracy Lynn Stewart, Yellow Springs  
 Debra Kay Stone, Columbus  
 Brian William Storck,sylvania  
 Cynthia Sue Straub, Westerville  
 Leslie Bernice Strayhan, Cleveland  
 Sue Ann Stroud, Columbus  
 Matthew Paul Subtelny, Cincinnati  
 Elizabeth Ann Sutherland, Cleveland  
 Malcolm Gene Taafe, Columbus  
 Camille Alisa Tauroney, Westerville, N. Y.  
 Barry Michael Taylor, Steubenville  
 Clinton R. Taylor, Greenview  
 Kathryn Marie Taylor, Swanton  
 Fred Edward Thieme, Jr., Aurora  
 Eileen O'Hearn Thomas, Chillicothe  
 Constance Sue Tully, Columbus

Susan Marie Valenti, Louisville, Ky.  
 Nancy E. VanRiper, Mansfield  
 James Michael Veneziano, Erie, Pa.  
 Susan J. Vucelich, Shadyside  
 Katrina Lee Watson, Zanesville  
 Lori Lynn Watson, Columbus  
 Mark Andrew Watson, Zanesville  
 Crystal Darlene Watts, Portsmouth, Va.  
 Jackie Webb, Cleveland  
 Joanne F. Weber, Sylvania  
 David Eric Weisman, Toledo  
 Carol Jean Weller, Bellbrook  
 Amy Marie Wells, Columbus  
 Alice Ann Wetzel, Dayton  
 Nancy Whelan, Marion  
 Christena Crawford White, Alliance  
 Christopher James White, Wytheville, Va.  
 Neil Charles Widerschein, Sylvania  
 Virginia Arlene Wietzel, West Milton  
 Bernard Floyd Williams, Jr., Chillicothe  
 Kim Louise Wilson, Cincinnati  
 Lori Lynn Wines, E. Liverpool  
 Paul H. Winterstein, Norwich, N. Y.  
 Brenda Sue Wolcott, Springfield  
 June E. Wright, Canfield  
 Barbara Ann Yeip, Columbus  
 George Leroy Yerkes, Belpre  
 Elizabeth Eulalia Young, Aurora  
 Pamela Sue Young, Fairborn  
 Barry Neil Zeidman, Columbus

## Bachelor of Science

Gregory Alan Archer, Macedonia  
 Michael K. Balser, Mansfield  
 Phil Lee Banks, Dayton  
 Loren Eric Barber, Newark  
 Kevin Harding Bates, Corning  
 Daniel William Beadle, Sinking Spring, Pa.  
 Mary Ellen Beardmore, Columbus  
 Lynn Morreen Bennett, Columbus  
 Debra Suzanne Boehm, Delaware  
 Mine Nimet Bozkir, Orrville  
 Lee Ann Brady, Pittsburgh, Pa.  
 Eric Brothers, Bath  
 Margaret Pifer Burton, Mansfield  
 Carla J. Card, Flint, Mich.  
 Rhonda Ann Carter, Columbus  
 Freeman Lowell Clark, Reynoldsburg  
 Kevin Lee Clifford, East Rochester  
 Stephany Jean Criswell, Columbus  
 Michael Edmond Davis, Cleveland  
 John Charles DeShon, Columbus  
 William David Fishking, Columbus  
 Lisa Nancy Frank, Newton, Mass.  
 Joseph Amiel Giampapa, Columbus  
 Faith Marcia Goldweitz, Harrisburg, Pa.  
 Sandra Wirts Green, Radnor  
 Kenneth Clayton Greene, Jr., Delaware  
 Richard Anthony Harriott, Columbus  
 Gene David Harris, Portsmouth  
 Wesley Warner Hedges, Ashville  
 Marlene Anne Hentosh, Hubbard  
 Michael William Huber, Columbus  
 Kelly James Kelleher, Alliance  
 Dianna Kay Kimble, Galion  
 Paul D. Kochanowski, Toledo  
 Bradley A. Koontz, Wharton  
 Jude Anthony Kral, Columbus  
 Susan Jane Kugel, North Canton  
 Corinne Abbott Kuhta, Toledo  
 Kristen Jean Langhout, Dayton  
 Julie Anne Laughrey, Kettering  
 Robert A. Long, Alexandria

Martin Louis Lower, Washington C. H.  
 Gregory L. Mathews, Columbus  
 Barbara Alice McLaurine, Reynoldsburg  
 Cynthia Louis Mohler, Columbus  
 Claire Louise Morrison, Cincinnati  
 Deborah Ellen Naymick, Youngstown  
 Myrna Esther Ocasio, Columbus  
 Mark Vincent Packard, Dublin  
 Christine Marie Pfaff, Rocky River  
 Valerie Rasperry, Columbus  
 Jan Frassard Richards, Worthington  
 Lisa Brautigan Robinson, Sidney  
 Mark Evan Saylor, Columbus  
 Cynthia Ann Schneider, Trenton  
 John Michael Seitz, Coldwater  
 Richard Barnett Smith, Columbus  
 Jan Marie Suchecki, Kettering  
 Carol Lea Taylor, Columbus  
 James Douglas Thomas, Lima  
 Richard Paul Trebing, Columbus  
 Andrea Lynn Tucker, Fostoria  
 Thomas Duane Wendel, Celina  
 Theodore W. Williams, Morral  
 Miriam L. Wilson, Newark  
 Kevin Boyd Witt, Centerville

## School of Journalism

### Bachelor of Arts in Journalism

Cris Stewart Allen, Columbus  
 Karen Jean Alsbrooks, Columbus  
 Wrenford Archibald, St. Thomas,  
 Virgin Islands  
 Jane Christine Birkhold, Shaker Heights  
 Blake Owen Brewer, Eaton  
 Monica Christine Bruno, Amherst  
 Martha Anne Carson, Coolville  
 Kay Ditzel Castagnola, Columbus  
 Cynthia M. Cipriani, Lyndhurst  
 Montgomery Louis Clegg, Worthington  
 Catherine M. Conlon, Marysville  
 Karen J. Cox, Columbus  
 David Mark Crawford, Circleville  
 Holly Beth Currier, Elyria  
 Terry Dugger Curtis, Columbus  
 James Douglas Dillon, Bay Village  
 Daniel Fabrizio, Easton, Conn.  
 Gail Beth Fein, Girard  
 Jerry Frey, Cincinnati  
 David Eugene Fultz, Jr., Columbus  
 Joseph George Giampietro III, Youngstown  
 Ida Mae Hawkins, Columbus  
 Linda Jean Heller, Bedford Heights  
 Loren Glenn Hosack, Columbus  
 Nancy Jo Joos, Lancaster  
 Francis Michael Kelley, Columbus  
 Sara Ann Kendall, Salem  
 Deborah Louise Kenney, Columbus  
 Jon Russell Kerns, Fremont  
 Phillip King, Columbus  
 Julie Ann Klein, Lorain  
 William J. Klosterman, St. Marys  
 Anne Marie Koss, Youngstown  
 Renée Krause, Hollywood, Fla.  
 Lana Lea Lanza, Columbus  
 Suzette Martin, Akron  
 Kathy Ann McCroskey, Toledo  
 Beth Lynne Meisner, Massillon  
 Laurie Miriam Mendel, Youngstown  
 Kieren Metta, Columbus  
 Mary Carol Miller, Middletown  
 Richard Blair Moore, Marietta  
 Therese Marie Moran, Bedford Heights

Mary Marjean Murray, Fostoria  
 Pamela Eileen Peters, Mayfield Village  
 Peter Petoniak, Columbus  
 Susan R. Prentice, Columbus  
 Jeanne M. Reall, Columbus  
 Yanick Helene Rice, Akron  
 Victoria J. Severine, Dix Hills, N. Y.  
 Wendy Ilene Steele, Columbus  
 Holly J. Stefanyk, Lakeville  
 Judy L. Stewart, Columbus  
 Sheri Sweatmon, San Antonio, Tex.  
 Pamela Karen Tapscott, Washington, D. C.  
 Linda Leora Turner, Toledo  
 Mark Louis Uriah, Bridgeville, Pa.  
 Judy Ann VanPutten, Dayton  
 Pamela Sheryl Weiss, Columbus  
 Lana Marie Wetterman, Marysville  
 Rhonda J. Wilson, Jackson  
 Gretchen J. Wyrick, Portsmouth  
 Doreen Anne Zelesnick, Fords, N. J.

## College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

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 Clifford David Aiken, III, Gahanna  
 James Charles Aldag, Columbus  
 Bradley Eugene Allen, Van Wert  
 Lawrence James Allen, Pleasantville, Pa.  
 Vicki Jo Anelick, Columbus  
 James Earl Angel, Cincinnati  
 James Ronald Arthur, New Hampshire  
 April Marie Atwood, Pittsburgh, Pa.  
 Neil Roger Aukeman, Springfield  
 Lorraine Axelrod, Akron  
 Susan L. Bachorski, Conesus, N. Y.  
 Robert E. Baesmann, Columbus  
 Chariton Raymond Baker, Lockland  
 Kevin Lee Baker, Mt. Gilead  
 Jane Marie Balzer, New Carlisle  
 Thomas Joseph Bandi, Willoughby Hills  
 Paul Scott Bankert, Columbus  
 Charles Francis Barga, Versailles  
 Ruth Ellen Barr, Hilliard  
 Kimberly Ann Bartter, Columbia Station  
 Jeffrey Wayne Basch, Mayfield  
 William Burton Baston, Penacook, N. H.  
 Kimberly Rae Basye, McComb  
 Thomas Dwight Bates, Amanda  
 Thomas John Baxter, Columbus  
 Perry James Beck, Fairview  
 Louise Harriet Bednarski, Independence  
 Debra Jean Bellinger, Lorain  
 Suzanne Belot, Rayland  
 Timothy Ray Benjamin, Columbus  
 Stephen R. Bennett, Grove City  
 Stephen Louis Berecz, Ft. Lauderdale, Fla.  
 David A. Berger, Amherst  
 William Rowan Bernetic,  
   Cherry Hill, N. J.  
 Gene Patrick Berry, Woodsfield  
 Melissa Jane Berwanger, Columbus  
 Joseph Patrick Betz, Wellsville  
 Kenneth Howard Beveridge, Marion

Jill Ann Biales, Cleveland Heights  
 Bonnie K. Bierbaum, Whitehouse  
 Arnold Charles Bishel, Kensington  
 Jeffrey Alan Blankenship, Columbus  
 Thomas Michael Blischak, Toronto  
 Kenneth Edward Blum, Dayton  
 Stephen Philip Blythe, Reynoldsburg  
 Joan Elizabeth Bodner, Warren  
 Marko Boh, Worthington  
 Clay Cameron Bohacher, Dayton  
 Joseph Travis Bost, Bolivar  
 Christine Jill Bowman, Perrysville  
 Sandra Dawn Bowsher, Bellefontaine  
 Warren Britt, Ft. Lauderdale, Fla.  
 Anthony B. Brown, Cleveland  
 Louis Gerald Brown, Cincinnati  
 Kimberly Estelle Broegman,  
   Midlothian, Va.  
 John Bruno, Lorain  
 Carol Toole Bubsey, Los Alamitos, Calif.  
 Richard Vito Bucci, Zanesville  
 William Buckley, Lorain  
 Susan Marie Burk, Springfield  
 Richard William Burke, Alliance  
 Ronald Eugene Burke, Centerburg  
 Gregory E. Cain, Byesville  
 Patricia Louise Callahan, Columbus  
 Peter Joseph Camarata, Warren  
 Mitchell Alan Camp, Orrville  
 Angela Campo, Springfield, Ill.  
 Anne Marie Cardinal, Massillon  
 Max Scott Carrier, Sandusky  
 Thomas C. Carroll, Akron  
 Robert Anderson Carson, New Matamoras  
 J. Scott Carnal, Newark  
 Ellen Margaret Cartwright, Wilmington  
 Gregory Alan Castignola, Trenton, Mich.  
 Julie Lynn Chandler, Columbus  
 Eun Won Cho, Flushing, N. Y.  
 Lyndon Jay Christman, Columbus  
 Eric C. Clark, Cleveland  
 Michael Bernard Cleary, Columbus  
 Ellen Harriet Cohan, Shaker Heights  
 Steven Alan Cohen, Columbus  
 Donald Steven Cole, Galena  
 Mary Patricia Cosgriff, Euclid  
 Kathleen Mary Costello, Mentor  
 Lori Linn Cowden, Merritt Island, Fla.  
 Cathy A. Cowee, Columbus  
 Amelia Ann Cox, Cincinnati  
 Cheryl Ann Cox, Middletown  
 John Alan Craig, Willoughby  
 Robert Dean Craycraft, Portsmouth  
 Marilyn C. Cubic, Cleveland  
 Kirk James Cupp, Columbus  
 Sharon Dee Cuppett, New Philadelphia  
 James Dodds Curphey, Toledo  
 Michael Wall Currie, Circleville  
 Mark Arthur Cyphers, Mt. Gilead  
 Craig Alan Danekas, Dixon, Ill.  
 James Eugene Dankowski, Gallon  
 Diane Dapsis, Maple Heights  
 Steve Davidson, Chagrin Falls  
 Linda Kathryn Davis, Dover  
 Roger Allen Davis, Columbus  
 Timothy Eric Davis, New Philadelphia  
 Christopher John DeLany, Columbus  
 James Calhoun DeLong, Massillon  
 Andrew Bruce Derrrow, Blacklick  
 Thomas John DeSantis, Rochester, N. Y.  
 Charles Scott Deutchman, Shaker Heights  
 David Frederick Dierker, Columbus  
 Roger Donovan Dike, Columbus  
 William Christopher Dillon, Atlanta, Ga.  
 David Neal-Diner, Cincinnati  
 Russell Wyckoff Dise, Cleveland Heights  
 Christopher Frank DiTota, Lyndhurst

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   Columbus Grove  
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 David Scott Downie, Youngstown  
 Robert Joseph Drexler, Akron  
 Ernest David Ducey, Ottawa  
 Andrejs Paul Dumpis, Chicago, Ill.  
 Debby Marie Dunlap, Reynoldsburg  
 Gregory Roland Dunnnavant, Columbus  
 Martin F. Ebert, Waldo  
 Patrick William Eckel, Columbus  
 Tom Curtiss Elkin, Mount Gilead  
 Dorinda Kay Ertel, Martinsville  
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 Thomas Gene Schneider, Custar  
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 Scott Russell Gonia, Toledo  
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 Amy Elizabeth Lee, Warsaw  
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## Bachelor of Science in Food Technology

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 Jean Ellen Skoog, Hillsboro  
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## School of Home Economics

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Kimberley Dale Claus, Ormond Beach, Fla.  
Julie Sue Cohn, Toledo  
Crystal Lynn Cole, Logan  
Tamar A. Cole, Landsdale, Pa.  
Tasia Marie Coury, Zanesville  
Kathy Marie Davis, Columbus  
Kathryn Jean Degray, Galion  
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Jill Folmar Easterling, Columbus  
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Jane Ann Everhart, McCutchenville  
Barbara Lee Fay, Columbus  
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Mary Patricia Fochtman, Columbus  
Andrea Lynn Gorr, South Amherst  
Karen Elizabeth Gottke, Columbus  
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Gretchen J. Guthrie, Dayton  
Rebecca Lynne Hacker, East Palestine  
Barbara Elizabeth Haffner, Oxon Hill, Md.  
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Diana Lynn Hammer, Columbus  
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Marceline Jackson, Akron  
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Jon M. King, Mansfield  
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Carol Ann Lang, Ashland  
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Susan Marie Lash, Akron  
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Yu Peng Leong, Delaware  
Willie Ariene Lewis, Cincinnati  
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Renee Ann Maghes, Cambridge  
Debra Manos, North Canton  
Sierra Lynn McClain, Columbus  
Paula Joann McClure, Washington C. H.  
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Susan Victoria McKee, Jamaica, N. Y.  
Betay Ann McKendry, North Olmsted  
Sheila Kay Mead, Bucyrus  
Nancy Charlotte Meeker, Troy  
Patricia Jean Mellett, Columbus  
Susan Catherine Metcalf, Columbus  
Lynnette Sue Mizer, New Philadelphia  
Rhonda L. Morrison, Wauseon  
Denise Mostowy, North Canton  
Teresa Kay Mott, Proctorville  
Jennifer Jane Nagel, Avon  
Angela Elizabeth Nooks, Xenia  
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Pamela Ann Premer, Westlake  
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Mary Lee Reisinger, Kettering  
Shannon Leigh Reusch, Valley City  
Cathy Jo Reynolds, Otway  
Linda Michael Reynolds, Fairborn  
Diana Sue Richmond, Malta  
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Helen Ro, Columbus  
Martha Ellen Roloson, Glouster  
Judith Kay Ruth, Jackson  
Fay Schneider, Elyria  
Jean Marie Schuller, Wadsworth  
Susan J. Sexauer, Toledo  
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Stephanie Lee Shamoun, Marietta  
Beverly Sue Shaw, Tipp City  
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Mary Beth Smigelsky, Maple Heights  
Bonita Leah Smith, Cleveland  
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Janet Kay Stotler, Dayton  
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Susan Elizabeth Szabo, Oregon  
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Cathy Lynne Tipka, Reynoldsburg  
Jeanne Laura Tobelmann, Rocky River  
Mary Claire Verib, Parma  
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Elizabeth Ann Weeter, Waverly  
Kay Ellen Wetterstroem, Columbus  
Debra Ann Whetstone, Sandusky

Vickie Long Whinnery, Cadiz  
Sharon Patricia Brause Willis, Worthington  
Debra Ann Wills, Dayton  
Brenda Anne Young, Elyria

## Bachelor of Science in Nutrition

Christopher Daniel Cannell, Columbus  
George James Gianakopoulos, Springfield  
Michael Brian Montalto, Newark

### Bachelor of Science in Restaurant Management

Michael Peter Benver, Columbus  
Jo Ann Coon, Mansfield  
Anthony Galiati, Canfield  
Kevin James Letostak, Columbus  
Thomas Robertson Parke, Fremont, Ind.  
Tracey Lyn Sveta, Hudson

## School of Natural Resources

### Bachelor of Science in Natural Resources

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Leslie Patricia Arelt, Pittsburgh, Pa.  
Edward Alan Armbruster, Shelby  
Joann Marie Arnett, Mt. Vernon  
Brian Martin Babb, Parma  
Karen Sue Barnes, Ashland  
Julia Lynn Belli, Huron  
Denise Rachelle Bower, Plainfield  
Janet Kay Britton, Columbus  
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Roger Dale Byrd, Mt. Vernon  
James Barden Cawse, Marblehead  
Craig Jay Clark, Wooster  
Ronald Allen Clauch, Jr., Cincinnati  
John Henson Cutrone, Willoughby  
Craig Anthony Dagilia, Akron  
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Steven Howard DeVault, Columbus  
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Conneaut Lake, Pa.  
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David L. Finch, Glendale, W. Va.  
Diane Marie Franz, Deshler  
Reid Allen Guthrie, Florham Park, N. J.  
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Kirk Wendell Harlan, Amherst  
Dennis Michael Hawley, Valley City  
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William Lester Hudson, Akron  
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 James Merle Kugler, Cadiz  
 Maryanne Kurtinaitis, Garfield Heights  
 Thomas Ellsworth LaRue, Columbus  
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 Michael Joseph Lyden, Bay Village  
 Sandra Lee Mackey, Groveport  
 Robert William Masters, Cortland  
 Elizabeth Anne McAllen, Youngstown  
 Lisa Frances McClaffin, Wakeman  
 James Frederick Meese, New Philadelphia  
 Harold Ashley Miller, Steubenville  
 Mark Alan Moore, Strongsville  
 Diana Dorothy Morawetz, Berea  
 Paul Anthony Mueller, Wyoming  
 James William Neal, II, Galena  
 Tamara Lynn Nelson, Chillicothe  
 Charlane Carol Niemczura, Girard  
 Lynn Marie Nuesse, Cincinnati  
 Thomas Joseph O'Grady, Columbus  
 Judith Lea Paris, Columbus  
 Douglas Edward Pauley, Columbus  
 Brinton Charles Perera, Columbus  
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 Morton Eugene Pugh, Fort Recovery  
 Robert Walter Ray, Columbus  
 Frederick True Reidenbach, Worthington  
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 Jeffrey Richard Scharver, Barrington, R. I.  
 Mark Alan Schneider, Wadsworth  
 Cindy Lynn Schultz, Mt. Vernon  
 Daniel Steven Skalsky, Cleveland  
 Lynn Anthony Smith, Edon  
 James Alfred Speck, Brook Park  
 Don Edward Teubert, Marietta  
 Jeanette Elaine Titus, Columbus  
 Robert Mark Trask, Seven Hills  
 Glenn Charles Trueb, Northport, N. Y.  
 Donald Michael Vigh, Chagrin Falls  
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 William Gerard Weiss, Lakewood  
 Gregory James White, Arnold, Md.  
 Ralph Louis Wightman, Avon Lake  
 Kevin Jon Wilson, Grove City  
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 Jeffrey Lynn Zurface, Washington C. H.  
 Janet Mary Zwayer, Canal Winchester

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 Dennis Patrick Billmaier, Findlay  
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 Michael Robert Brand, Toledo  
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 Howard Beach, N. Y.  
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 Hazel May Eberhard, Clyde  
 Christian Jacob Erb, Whipple  
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 Mark Julian Fischer, Wooster  
 William Stevenson Foote, Atwater  
 Olen Todd Friess, Jr., Perrysburg  
 Vince Austin Frodl, Rootstown  
 Melanie Marie Gasbarre, Richfield  
 Jean Elizabeth Geib, Wooster  
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 Douglas Lee Gillfillan, Grove City  
 Gary Gene Grandstaff, Croton  
 Patsy Sue Grieser, Archbold  
 Martin Earl Hall, Sunbury  
 Timothy Joe Hassinger, Ashland  
 Paul Eugene Heilman, Kenton  
 Robert Edward Herbert, Cincinnati  
 Heidi Louise Hersherberger, Wadsworth  
 Beverly Jane Hillfinger, Whitehouse  
 Scott Duane Hittle, Dresden  
 Linda Horton, Mentor  
 Arthur Ross Huffman, Kettering  
 Robert Mark Huffman, Parkersburg, W. Va.  
 James Edward Hurst, Jefferson  
 Betsy Ann Ingersoll, Guyahoga Falls  
 Frank Thomas Kachenko, Northfield Center  
 Andrew Leonard Kanter, Massillon  
 John Frederick Katterheinherr, Troy  
 Randall Scott Kehres, New Washington  
 Sandra Kay Kettering, Ashland  
 Kathy Ann Kirkpatrick, Columbus  
 Debra Lynn Kline, Homewood, Ill.  
 Michael Cecil Lamancusa, Beloit  
 Elizabeth Allison Lange, Mansfield  
 Jeffrey Thomas Lee, Waynesburg  
 Deborah Earline Linder, Norwalk  
 Arden Ray Lingenhoel, Louisville  
 Timothy Allen Loos, Okeana  
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 Steven Craig McPhee, Worthington  
 Patrick Vincent McQuillan, Wooster  
 William Henry Mead, VI, Pataskala  
 Luke Edward Messenger, Toledo  
 Dennis Wayne Meyer, Millbury  
 Scott David Meyer, Cincinnati  
 Duane Francis Mickley, Danville  
 Stewart Wayne Mills, Findlay  
 Kent Patrick Morgan, St. Clairsville  
 Patrick Edward Nicholas, Akron  
 Karen Kay Ogden, Kenton  
 Diana Helga Paegle,  
 Wappingers Falls, N. Y.  
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 Gregory Alan Pheneger, Columbus

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 Margaret Elizabeth Pierce, Newark  
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 Michael Robert Ray, Salem  
 Robert James Rea, Kingsville  
 Lynn Marjorie Reitberger, Shadyside  
 James Edward Rhoad, Norwalk  
 John Jeffrey Ricks, Bay Village  
 June Dobbins Robinson, Wooster  
 Kurt Alan Rodhe, Millersburg  
 Roy Dean Roller, Medway  
 Dean Michael Rossman, Crestline  
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 David Timothy Scheiderer, Marysville  
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 Karen Ann Smith, Lyndhurst  
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 Lynn Marie Spalding, Mantua  
 Laura Lisa Steele, Cincinnati  
 Henry Alan Stern, Columbus  
 Tedd David Stief, Upper Sandusky  
 Lisa Ann Storrie, New Philadelphia  
 Barbara Sue Tharp, Uniontown  
 William Barry Thompson, Steubenville  
 Jane Ellen Thudium, Silver Lake  
 Mary Ulyan, Willoughby Hills  
 Gregory Alan Untied, Frazesburg  
 David Kevin Vaughn, Kent  
 Matthew John Wagner, Wooster  
 Carl Wright Watkins, Maplewood  
 David Marshall Watson, Old Fort  
 Cynthia Joan Webber, Clyde  
 John Russell Welling, Fresno  
 Reed Matthew Westervelt, Westerville  
 Roger Allen White, Wooster  
 Guy Stuart Williams, Medway  
 Thomas Raymond Wysocki,  
 Indianapolis, Ind.  
 David Michael Yoder, Alliance  
 Steve Dean Yost, Columbus  
 Joseph Charles Yourkiewicz, Elyria  
 Janet Ellen Ziegler, Maumee

## College of Dentistry

Dean: Charles L. Howell

### Doctor of Dental Surgery

Marie Antonette Albano, Riverview, Mich.  
 B.S. (Wayne State University)  
 James Westervelt Albright, Webster, N.Y.  
 B.S. (Baldwin-Wallace College)  
 Keith James Alexander, Rocky River  
 B.S.  
 Stephen William Allen, Medina  
 B.A. (University of New Hampshire)  
 Jean Louise Arthur, North Syracuse, N. Y.  
 B.S. (Syracuse University)  
 Julius Charles Bader, Ashtabula  
 B.A. (Miami University)

## Agricultural Technical Institute-Wooster

### Associate in Applied Science

Carl Hubbard Adams, Ft. Myers, Fla.  
 Steven Douglas Agin, Cincinnati  
 Robert Brian Armstrong, Southpoint  
 Cecilia Marie Awroski, Garfield Heights  
 Kathy Lynn Babson, Westlake  
 Manette Ann Bare, Pataskala  
 Jerome Bernard Barga, Rossburg  
 Donald Lee Barnes, Avon Lake  
 Chris Arlen Barnett, Mt. Gilead  
 Christopher John Barrette, Salem  
 Donald Rudolf Bartels, Solon  
 Patricia Ann Bender, Columbus  
 Richard Paul Benich, Jefferson  
 Matthew Paul Bernd, Troy

James Matthew Baker, Syracuse, N. Y.  
B.A. (Walsh College)

Richard Bernard Barry, Powell; B.S.  
Daniel Robert Bartok, Adena  
B.S.

Michael F. Baus, Wooster  
B.S. (Bowling Green State University)

Denise P. Beilstein, Mansfield  
B.A. (Kent State University)

Donald Edward Bellebaum, Hamilton  
B.S. (Miami University)

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B.S.

Bryan William Berry, Cincinnati  
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John E. Bismark, Toledo  
B.A. (University of Toledo)

Bradley Allan Blair, Columbus  
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James Eugene Breisch, Dayton  
B.S. (Wright State University)

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A.S. (University of Cincinnati)

Philip Eugene Brown, Otway  
B.A. (Asbury College)  
M.Ed. (Xavier University)

Glenn Richard Burns, Marietta  
B.S. (Ohio University)

David Graham Chesnut, Chillicothe  
B.S.

Mark Louis Civin, Bellaire  
B.S. (Ohio University)

Rhonda Slone Company, Plymouth  
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B.S. (Wright State University)

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Kathleen Conlon DiVito, Cincinnati  
B.S. (Xavier University)

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David Peter Dobrowski, Shaker Heights  
B.A. (St. Louis University)

Stan Kevin Doty, Findlay  
B.A.

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Kurt Warren Ficker, Cincinnati  
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B.S.

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B.S.

Marc Terrence Fried, Lyndhurst  
B.S. (John Carroll University)

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B.A. (Loma Linda University)

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Leslie Raymond Gresko, North Royalton  
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Neil Richard Gross, Brooklyn, N. Y.  
B.S. (Brooklyn College)

Carl David Grosshandler, Zanesville  
B.A.

Matthew Joseph Gruber, Columbus  
B.A.

Alan Charles Gusching, Sidney  
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Scott J. Hadaway, Elyria  
B.S., B.A. (Bowling Green State  
University)

Philip L. Hahn, Lakewood

John Joseph Haidet, Canton  
B.A. (Kent State University)

David Hargett, Youngstown

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B.A. (Northwestern University)

Gregory Alan Hastings, Parma  
B.A. (Case Western Reserve University)

Daniel Paul Heffernan, Columbus  
B.A. (University of Notre Dame)

Thomas Hall Hermann, Hamilton  
B.A. (Miami University)

Ronald Dale Hickerson, Cincinnati  
B.S. (University of Cincinnati)

Richard Thomas Higham, Youngstown  
B.S.

Stewart Allen Hinkley, Cambridge  
B.S.

Dennis John Horvath, Painesville  
B.S. (Bowling Green State University)

John Phillip Jenkins, West Chester  
B.A. (Rutgers College)

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B.S. (Youngstown State University)

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B.S. (University of Cincinnati)

Thomas Crawford Jones, Jackson  
B.S.

G. William Keller, Columbiana  
B.S.

Carole Jean Kelley, Columbus  
B.S.

Patrick J. Kiggins, Dayton  
B.S. (Wright State University)

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B.S. (University of Cincinnati)

Michael Anthony Koch, Columbus  
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James Robert Kosydar, Columbus  
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Timothy John Kraig, Parma  
B.A. (Miami University)

Mark Kriwinsky, Beachwood  
B.A. (Washington University, St. Louis,  
Mo.)

JoAnn Loretta Kroeger, Cincinnati  
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Alan Nore Kuhre, Chagrin Falls  
B.S.

Kim Ralph Kupper, Hamilton  
B.S.

Michael David Kuzmik, Akron  
B.S. (University of Akron)  
B.S.

Brian Howard Kvitko, Twinsburg  
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James Michael Lalonde, Defiance  
B.S.

Charles Elliot Latham, Toledo

Douglas Reid Leavitt, Cleveland  
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Paul Michael Loper, Lorain  
B.A. (Miami University)

Thomas Robert Maier, Cincinnati  
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Joseph Michael Malys, Youngstown  
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Vincent Richard Mancuso, South Euclid  
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B.S. (Westminster College)

Joseph Anthony Marchese, Jr., Columbus  
B.A. (Miami University)

Alex W. Marks, Valley Stream, N. Y.  
B.A. (Hobart)  
M.M. (Ohio University)

David Lynn Martin, Waverly  
B.S.

David Mason Mayberry, Barnesville  
B.S. (Muskingum College)

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M.S. (Cleveland State University)

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Helen Maria Schilling, Milwaukee, Wis.  
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Gregory Allen Schruppf, Upper Arlington  
B.S.

Jean Anne Shelton, Columbus  
B.A.

Daniel Michael Sheperd, West Unity  
B.S. (Xavier University)

Tod Walden Siefert, Upper Arlington  
B.A. (Miami University)

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B.S. (University of Cincinnati)  
M.S. (Wright State University)

David Gregory Silk, Macedonia  
B.S. (Mount Union College)

Allan Kenneth Simmons, Columbus  
B.S. (University of Manitoba)

Timothy Eugene Simmons, Winfield, Kans.  
B.S. (U.S. Air Force Academy)

Gordon James Smith, Skaneateles, N. Y.  
B.A. (Lehigh University)

Timothy Lawrence Snyder, Dayton  
B.S.  
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Ihor N. Suszko, Lorain  
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James Matthew Trapp, Hamilton  
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Richard Arthur Urbanek, Jr., Brunswick  
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B.S. (University of Cincinnati)

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B.S.

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B.S.

Jeffrey J. White, Northampton Township  
B.S. (University of Akron)

Anthony John Winkel, Columbus  
B.S. (Georgetown University)

Harry Paul Gerhard Woith,  
Espelkamp, West Germany  
A.S. (Cuyahoga Community College)  
B.S. (Cleveland State University)

Thomas Franklin Woodruff, Clyde  
B.A. (Kent State University)

Timothy John Yannone, North Canton  
B.A.

Jeffrey Palmer Yoest, Westerville  
B.A. (Otterbein College)

Harry Michael Yokum, III, West Jefferson  
B.S.

## Certificate of Graduate Dental Hygienist

Lois Ann Aerni, Findlay  
Alisa Maris Basara, Campbell  
Susan Maureen Berke, Cincinnati  
Elyse Harriet Berman, Steubenville  
Lee Anne Bertsch, Worthington  
Karen Lynn Blozis, Columbus  
Lisa Ann Bothwell, Cincinnati  
Margaret Louise Braun, Coldwater  
Kari Ann Carr, Columbus  
Kathi Sue Chapman, Akron  
Cathleen Ann Cook, Mayfield Heights  
William John Coulman, Columbus  
Lisa Mae Deems, Mansfield  
Donna Lee Dunsworth, Maple Heights  
Robin Hope Earl, Dayton  
Gay Elizabeth Early, Ostrander  
Marla Beth Eberhardt, Shiloh  
Cheryl Ann Enright, Mansfield  
Janet Louise Feldhaus, Reading  
Terri Lynn Firestone, Lyndhurst  
Susan Kay Friedman, Batavia  
Patricia Ann Gardner, Uhrichsville  
Colleen C. Gartin, Bellbrook  
Melinda Sue Gray, Pepper Pike  
Raegene Elizabeth Hiebel, Pickerington  
Wendy Ellen Hunt, North Royalton  
Maureen Theresa Hurley, Columbus  
Kathryn Marie Jakubian, Euclid  
Susan Jeanne Janosko, Lexington  
Laura Ann Jansen, North Olmsted  
Cynthia Ann Jones, Mansfield  
Beth Ann Katterhenrich, Grove City  
Penny Jo Kelly, Canton  
Mark Aaron Knutsen, Mingo Junction  
Corinne Abbott Kuhta, Toledo  
Kristen Jean Langhout, Dayton  
Pamela Kay Lee, Mansfield  
Deborah Lynn Legg, Columbus  
Dawn Marie Logan, Zanesville  
Marlene LaVern London, Youngstown  
Julianne Taylor Lundblad, Westerville

Suzanne Eileen Marque, Lancaster  
Clorinda Jean Matro, Kettering  
Janet Elaine McConnell, Columbus  
Beth Ann McKee, Westfield Center  
Lise Honabarger Meek, Coshocton  
Natalie Jane Michael, Delphos  
Holly Sue Montion, Swanton  
Claire Louise Morrison, Cincinnati  
Cynthia Ann Mumma, Ashtabula  
Lynne Beth Nobil, Akron  
Kathleen Ann Olivieri, Mansfield  
Theresa Marie Perry, Youngstown  
Sherry Leigh Peterson, Dayton  
Christine Marie Pfaff, Rocky River  
Mary Catherine Poulos, Columbus  
Molly Jo Preston, Newark  
Rebecca Flowers Raby, Columbus  
Kimberly Anne Rankin, Marietta  
Nancy Annette Rausch, Columbus  
Deborah Anne Rioux, Columbus  
Kathy Jan Schneider, Sugar Grove  
Jane Elizabeth Schroeter, Fostoria  
Barbara Ann Schwartz, Pittsburgh, Pa.  
Eileen Suzanne Snider, Pickerington  
Susan Marie Snyder, Whitehall  
Jan Marie Suchecki, Kettering  
Kathryn Marie Taylor, Swanton  
Cathleen Jo Terhune, Beavercreek  
Diane Sue Terveer, Alliance  
Diana Jean Treisch, Galion  
Karol Ann Vander Horst, Celina  
Beth Borden Vetter, Portsmouth  
Lisa Marie Wallace, Toledo  
Carol Jean Weller, Bellbrook  
Virginia N. Winchester, Columbus

## College of Education

Dean: Robert A. Burnham

### Bachelor of Science in Education

Amy Canfield Alcorn, Aurora  
Cynthia Anne Allen, Bedford  
Kathleen Ann Allred, Worthington  
John Arthur Ames, Poland  
Patty Jane Anderson, Columbus  
Diane Lynn Ashbridge, Cincinnati  
MaryJo Ann Atanaseff, Columbus  
Charles Bromio Austin, Jr., Lima  
Sharon Kay Babbert, Canal Winchester  
Cheryl Clay Babcock, Newark  
Theresa Ann Backscheider, Tipp City  
James J. Baker, Columbus  
Kelly Jo Baker, Enon  
James Robert Balk, Columbus  
Julie Laura Bango, Columbus  
Ricky Gerald Barker, Hampton, Ontario  
Lynnette Lynn Barnes, Middletown  
Catherine Barrow, Columbus  
Angela Jo Bartlow, Cincinnati  
Margaret Lynn Bates, Reynoldsburg  
Mary Maiberger Bauer, Columbus  
Karla Elaine Beasley, Akron  
Bert Lewis Becker, Cincinnati  
Edith Arnsby Beers, Galion  
Christina Jane Belford, Columbus  
Joyce Ann Berarducci, Warren  
Joyce Brinkman Best, Delphos  
Joseph Earl Biggs, Columbus  
Kathleen Mary Bird, Troy  
Beth Bischoff, Columbus  
Jack Edman Black, Homer  
Cinda Jane Blair, Bellefontaine

Sherri Louise Bleichner, Laurel, Md.  
Lois Faith Boggs, Columbia Station  
Valerie Dawn Bohrer, St. Clairsville  
Patricia Downey Bolt, Westerville  
Vicky Ann Bostic, Columbus  
Ann Elizabeth Bowers, Troy  
Amy Jo Bowersox, Tiffin  
Ann Dunlap Bowser, Williamsport  
Emilie Anne Brennenman, Orrville  
John Michael Brickner, Tiffin  
Deborah Lynn Brookins, Columbus  
Carol Susan Brown, Lancaster  
Mary Jean Brown, Cleveland  
Jacqueline Sue Brunow, Sandusky  
Sylvia Kinney Brunswick, Grove City  
Michael S. Buettner, Delphos  
Mary Margaret Burghy, St. Clairsville  
Karen Burney, Rocky River  
Steven Charles Buschor, Delphos  
Sheryl Ann Buxton, Worthington  
Donna Jane Caldwell, Lyndhurst  
Beverly J. Campbell, Steubenville  
Brian Richard Carle, Rocky River  
David William Carter, Garfield Heights  
Kathryn Joan Carter, Sarahsville  
David Brian Carwile, Worthington  
Bernadette Louise Cassidy, Columbus  
Christopher Cassidy, Columbus  
Robert J. Castle, Jr., Lucasville  
Anne Marie Cawley, Columbus  
Judith Carolyn Cennamo, Columbus  
Donna Marie Chamberlain, Columbus  
John Richard Chapman, Lima  
Maureen Charlebois, Youngstown  
Nancy Ellen Childress, Columbus  
Lynn Carol Church, Worthington  
Susan Eileen Church, Belpre  
Maria Ciculli, Enon  
Robin Denise Clark, Blacklick  
Susan Gay Clarke, Cincinnati  
Robert Jeffrey Clingo, Columbus  
James Bauman Clover, Jr., Columbus  
Kathleen Anne Coate, Bellefontaine  
Joy Leslye Crampton, Logan  
Sandra Kay Conley, Columbus  
Diana L. Cook, Columbus  
Pamela Jean Cooperrider, Hebron  
Suzanne Patricia Corbett, Columbus  
Clark Yerges Corey, Columbus  
Catherine Hall Cornell, Dewitt, N. Y.  
Linda Sue Corn, Cincinnati  
Catherine Ann Coup, Martins Ferry  
Donald Robert Courtright, Ashville  
Renee Marjorie Cowles, Columbus  
Karen Denise Cox, Mingo Junction  
Karen Gay Crandell, Thornville  
Jean Melissa Crawford, Napoleon  
Roy Baker Crawford, Mt. Sterling  
Susan Ann Crist, Circleville  
Sally Richie Cromer, Elida  
Kelly Jean Crum, Columbus  
Tamara Sue Crumley, Wadsworth  
Mary Ellen Cz, Madison  
Christine P. D'Amico, Kettering  
Nora Ann Daugherty, Broadview Heights  
Brian Edward Davis, Wellington  
Deborah Kay Davis, Columbus  
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Anthony Ray Degennaro, Oberlin  
Mary Leslie Deiss, Oxford  
Diane Sue Delawder, Newark  
Maureen Moore Deleo, Dublin  
Ronald George Denbow, Columbus  
Stephen Raymond Dethy, Westerville  
Donna Sue Dickerson, Powell  
Linda Jean Diringer, Lexington  
George C. Dobrin, Cuyahoga Falls  
Cheryl Marie Dotson, Lima  
Kelli Virginia Downey, Zanesville  
Bruce David Duffner, Mansfield

Douglas Alan Dunlap, Newark  
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 Jill Ann Eversole, Lima  
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 Michael Alan Faler, Columbus  
 Kent Layne Faller, Gahanna  
 Michael David Ferguson, Gahanna  
 Emigrace Young Finnell, Frazeysburg  
 Judith Kern Fisher, Galena  
 Karen M. Fisk, Columbus  
 Kevin Parker Fletcher, Columbus  
 Martin Alan Flox, Columbus  
 Kathy Ann Fobes, Cincinnati  
 Cynthia Mary Foley, Sandusky  
 Carol T. Foltz, West Chester  
 Richard Allen Frank, Loudonville  
 Paula Lynn Frater, Kenton  
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 Cristy Ann Freese, Cincinnati  
 Anna L. Freund, Cincinnati  
 Ginger Kay Fulton, South Vienna  
 Wendy Alison Fulton,  
     St. George's, Bermuda  
 JoAnn Albert Gatti, Grove City  
 David Vincent Gebhart, Newark  
 Sherry Sykes George, Marion  
 Barbara Taylor Gerhardt, Mansfield  
 Kim Gilbert, Oberlin  
 Cindy M. Ginsberg, New City, N. Y.  
 Derek Clayton Glendale, Columbus  
 Karen Eve Glover, Jefferson  
 Shelaime Marie Glover, Newark  
 Connie Sue Goldstein, Westerville  
 Gary Lee Goodchild, Columbus  
 Christina Lynn Goodsir, Plymouth, Mich.  
 William Thomas Gorey, Springfield  
 Mary Josephine Grady, Columbus  
 Marcia Ann Graham, Tiffin  
 Holly Jo Grendahl, Fremont  
 Sharon Renee Grindstaff, Mt. Vernon  
 Robin Woodward Grove, Shelby  
 Rita Shea Guffey, Heath  
 Brenda Boyd Gulliford, Columbus  
 Michael Jerome Gunn, East Cleveland  
 Edward William Gwazdauskas,  
     Parma Heights  
 Luanne Kay Hacker, Columbus  
 Rachel Jane Hackett, Columbus  
 Timothy Scott Hackett, Columbus  
 Kelly Ann Haiter, Canton  
 Robert Blair Hankins, Cincinnati  
 Pamela Lee Harig, Naperville, Ill.  
 Roy David Harlan, Steubenville  
 Regina Cindy Hartmann,  
     White Plains, N. Y.  
 Patricia Collmer Haupt, Sarasota, Fla.  
 Sharon Wynn Hauser, Lyndhurst  
 Jenny Lee Haviland, Marion  
 Laura Beatrice Hebert, Dayton  
 Denise Diane Heifner, Shelby  
 Elaine Ann Henderly, Lancaster  
 Cynthia Ann Hendricks, Milledgeville  
 Teresa Lynne Henley, Barborton  
 Kim Elizabeth Hickey, Ashland  
 Nancy Thomas Himmer, Marion  
 Daniel Franklin Hirschfeld, Westlake  
 Steven Arthur Hitchens, Worthington  
 Robert Lee Hocter, South Vienna  
 Brenda Elizabeth Nye Hoke, Hilliard  
 Karen Sue Hollern, Columbus  
 Jay Scott Hollinger, Huntington, W. Va.  
 Diane Theresa Holtzapfel, Ironton  
 Elizabeth Ann Homer, Connelleville, Pa.  
 Mary Ellen Hooley, Sheffield Lake  
 Lorel Marie Hopkins, Columbus  
 Donna Marie Horst, Columbus

Karen Jill Hoskins, Columbus  
 Robert Van Hoyt, Cambridge  
 C. Michelle Hughes, London  
 Grace Edna Hughes, Columbus  
 Sherree Smith Hunsucker, Centerburg  
 Stephanie Ann Ihle, Youngstown  
 Roger Dale Ingles, Delaware  
 Susan O. Inouye, Kailua, Hawaii  
 Diane Margaret Interrante, Lancaster, Pa.  
 Gordon Maurice Jackson, Jr., Columbus  
 Jackie Lynn Jackson, Lucasville  
 Lori Lee Jackson, Columbus  
 Sue Ann Jarvis, Gallon  
 Michael Charles Jenoff, Cambell  
 Gregory Lee Johnson, Ridgeway  
 Stanley Francis Johnson, Urbana  
 Jerry Vaughn Jones, Columbus  
 Kim Lenex Jordan, Columbus  
 Susan Lenor Jordan, Columbus  
 Charlyne Laura Kabealo, Columbus  
 Karen Sue Kaebel, Ostrander  
 Kaye Louise Kafer, Columbus  
 Karen Francine Kahn, Dayton  
 Debra Lu Kauffman, Columbus  
 Susan Beth Kaufman, Akron  
 Colleen Sue Keith, Elyria  
 Sandy Jo Keller, Tiffin  
 Jo Ann Marie Kennedy, Columbus  
 Melinda Elizabeth Kerr, Galloway  
 Sharon Anne Kiczek, North Olmsted  
 Kerry Lynn Kimberly; B.A. (Ohio  
     University), Westerville  
 LuAnn Kinsey, East Liverpool  
 Michael Raymond Kirwan, Bellevue  
 Sharon Leslie Kitsmiller, Columbus  
 Kathleen Jane Kline, Mansfield  
 Thomas Harold Kline, Mansfield  
 Patricia Jean Knoepfle, Dayton  
 John Daniel Koehn, Norwalk  
 Richard Carl Kopec, Dover  
 Julie Ann Korman, Mayfield Heights  
 Leslie Lynette Koss, Mt. Perry  
 Wendy Ellen Kraft, Hamilton  
 MaryAnn E. Kramer, Marion  
 Kelly Ann Krider, Marion  
 Michele Cooperider Krieg, Columbus  
 Annette Marie Krile, Lancaster  
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 Jon David Lafferty, Coshocton  
 Linda Marie Lane, Norwalk  
 Denise Daugherty Lang, Mansfield  
 Pamela Mae Lanyon, Parkersburg, W. Va.  
 Cynthia Ann Laschinger, North Olmsted  
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 Bradford Charles Lautar, Columbus  
 Brian Frank Lautar, Columbus  
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 Richard Allen Leeth, Greenfield  
 Brenda Kay Lehnart, Lucas  
 Dorretta Eileen Lenox, Columbus  
 Patricia Ann Leupp, Stryker  
 Jill Ann Lewin, Highland Park, Ill.  
 Penny Joy Lewin, Highland Park, Ill.  
 Brian Harry Lewis, Dublin  
 Mindy Kay Liebert, University Heights  
 Sharon Starr Liebschutz, Indianapolis, Ind.  
 Carole Kwang Lin, Davis, Calif.  
 Terri Lee Lind, London  
 Melinda Jane Lindsay, North Lawrence  
 Pamela Kay Long, Doylestown  
 Michael Edward Lucas, Clayton  
 Sherry Kay Luce, Marion  
 Patricia Ann Lutes, Milford  
 Howard Sol Mack, Cleveland  
 Carmen Marie Madan, Columbus; M.A.  
     (University of Grenoble)  
 Martha Lou Mehnen, Toledo  
 Susan Kennedy Malaska, Shelby  
 Lissa Ann Malloy, Columbus

Daniel Louis Maloney, Pittsburgh, Pa.  
 Scott Mitchell Mandel, Columbus  
 Alana Goldie Marietta, Newark  
 Margaret Elita Marshall, Reynoldsburg  
 Ann Therese Martin, Columbus  
 Tom Dean Martin, Frazesburg  
 Marcia Lynn Mauter, Newark  
 Mary Kathleen May, Worthington  
 Patricia Ann McAllister, Centerville  
 Candace Lee McCandlish, New Concord  
 Marian McCaslin, Sullivan  
 Laurie Kay McCauley, Akron  
 Charles Mark McDaniel, Newark  
 Teresa Lynn McGinnis, Columbus  
 LaWanna Kay McGough, Hicksville  
 Gale Ann McGovern, Jeromesville  
 Rebecca Jo McKinney, Columbus  
 Linda Lou McLain, Bexley  
 Elizabeth Ann McMahon, Gallipolis  
 Rodney Gerard McNair, Sudbury, Ontario  
 Johanna Y. Meara, Worthington  
 Leslie Jane Mel, Portsmouth  
 Margaret Mary Snyder Mellor, Edison  
 John Frederick Mertes, III, Canton  
 Michael T. Merva, Buffalo  
 Richard Ray Middleton, Delaware  
 Cindy Lou Miller, Greenville  
 Margaret Elizabeth Miller, Hilliard  
 Sharla Patten Miller, Newark  
 Stephanie Jean Miller, Lima  
 Casey Robert Milligan, Hebron  
 Jennifer Marie Knapp Millisor, Marion  
 Lynda Lu Moell, Cleveland  
 Lauren A. Moeller, Grove City  
 Margaret Leslie Moore, Sidney  
 Karin Louise Moss, Westerville  
 Julie Holmes Myers, Columbus  
 Patricia Anne Myers, Delaware  
 Candace Lynne Nixon, Lebanon  
 Kevin Morgan Nummi, Painesville  
 Steven W. Nunn, Johnstown  
 John Christopher Ochsenwald,  
     Reynoldsburg  
 Philip Donald Offenbacher, Columbus  
 Lawrence Robert O'Flynn, Middletown  
 Kevin Brian O'Halla, Huron  
 Tina Chapman Oliver, Columbus  
 Patricia Louise Orcutt, Pioneer  
 Cindy Meta Ott, Central, S. C.  
 Nancy Ann Paparodis, Salem  
 Pamela Joy Pastor, Golfmanor  
 Pamela Ann Pehr, Sandia Park, N. M.  
 Linda Greer Perkins, Mansfield  
 Jeanne Nordheim Pfister, Powell  
 Sarah McLean Pieksen, Lunenburg, Mass.  
 Laurie Lee Pirtle, Columbus  
 Diane E. Pollard, Loudonville  
 Elizabeth Ann Pomeroy, Mentor  
 Lori Jo Pomeroy, Columbus  
 Kay Leann Port, Canton  
 Brenda Sue Powell, Mansfield  
 Mark Eugene Powell, Canton  
 Teresa Eileen Prince, Dover  
 Diane Leah Prunty, Barrackville, W. Va.  
 Marigo Psillas, Cincinnati  
 Nancy Lynn Puffenberger, Bryan  
 Lee Ann Purcell, Kenton  
 Bonnie Sue Purdy, Columbus  
 Kendra Lynn Quellhorst, New Bremen  
 Jeri Lynn Quinn, Grove City  
 Jeraldine Veronica Rabb, Highland Heights  
 Tamara Yoho Raines, Thornville  
 Matthew Byer Ralston, Garner, N. C.  
 Richard Alan Rantilla, Newton Falls  
 Sherry Renae Rapp, Granville  
 Joyce Boyd Ray, Marengo  
 Patricia Ann Reeder, Mentor  
 Maureen Lynn Reedy, Columbus

Shelley Kay Reese, Fresno  
 Rozella Cynthia Reinbolt, Gibsonburg  
 David Wayne Rice, Hilliard  
 Rebecca Jane Rickard, Seville  
 Sherry Nance Riley, Findlay  
 Beth Rineard, Columbus  
 Nancy Jo Rinehart, Waldo  
 Janette Sue Ritzler, Dayton  
 Mindy Jo Roberts, Columbus  
 Susan Beth Remnick Robinson, Columbus  
 Jennifer M. Rolo, Lima  
 Jud Benjamin Ross, New Albany  
 Leslie Jane Rotatori, Mayfield Heights  
 Teresa Ellen Rubadue, Columbus  
 John Edward Ruch, Wadsworth  
 Carolyn Amy Rutchik, Columbus  
 Sandra Sue Sacks, East Brunswick, N. J.  
 Jayne Ellen Sage, Chardon  
 Karen Sanders, Dublin  
 John Michael Schanberger,  
 Colorado Springs, Colo.  
 Kim Kelli Schmidt, Columbus  
 Theresa Ann Schmitt, Hamilton  
 Brenda Joan Schroeder, Leipsic  
 Lisa Ann Scopel, Crestline  
 Thomas S. Sestito, Columbus  
 Jeffrey Jay Shaw, Bluffton  
 Shawn Ann Sherman, Mansfield  
 Melinda Jane Shimrock, Columbus  
 Sue Ann Shively, Columbus  
 Sara Ann Sibila, Massillon  
 Tina Louise Siddle, Columbus  
 Kelly Ann Siron, Springfield  
 Muretta Strohecker Six, Columbus  
 Gretchen Louise Slagle, Tipp City  
 Rex Michael Slaughter, Columbus  
 Catherine June Sleeper, Zanesville  
 Susan Koerner Slesman, Edgerton  
 James Monroe Slone, Columbus  
 Connie Lynn Smith, Cridersville  
 Richard Gordon Smith, Vienna, Va.  
 Jeffrey John Smolewski, Pickerington  
 Cynthia Lee Snavely, Bucyrus  
 Hallie Lynn Snyder, Lima  
 Nancy Lynn Spracklen, Xenia  
 Elizabeth Ellen Sprowls, Medina  
 Tamara Ann Squire, Defiance  
 Joseph Louis Stein, Canton  
 Jennifer Elaine Stepp, Deshler  
 Joyce Elaine Stevens, Columbus  
 Martha Gail Surface, West Chester  
 Gailya Patrice Sutton, Lima  
 Mary Jewett Swartz, Columbus  
 Melody Kimmel Swiger, New London  
 Pamela Dyeathra Taylor, Cleveland  
 Cynthia Renee Tayse, Columbus  
 Christine Anne Tender, Lorain  
 Donald Lee Thomas, Columbus  
 Karen Lynn Thomas, Gallipolis  
 Loretta Joann Thomas, Belle Valley  
 Stephen Bernard Thomas, Columbus  
 Ann Elizabeth Thompson, Coshocton  
 Joan Marie Thornton, Willard  
 Maria Elena Tiberi, Columbus  
 Jon Mark Tisone, Youngstown  
 Pamela Lynn Tomlinson, Vandalia  
 Shelley Sue Turf, Columbus  
 Jeffrey Fred Turner, Columbus  
 Thomas Edward Turner, Dayton  
 Christine Ellen Turskey, Massillon  
 Karen Jean Uher, Fresno  
 Virginia Ann Vercoe, Worthington  
 Jean Ritchie Viperman, Mansfield  
 Elaine Beth Voorhis, Mason  
 Nancy Ann Wagomer, Ashland  
 Beth Ann Walters, Columbus  
 Elizabeth Anne Walters, Dublin  
 Susan Lynn Walton, Columbus  
 Nancy Ellen Ward, Portsmouth, N. H.  
 Tracie Jo Weller, Fredericktown

Cynthia Ann Wendler, Fremont  
 Thomas Henry Wendt, Monroeville  
 Karen Lynn Wertz, Columbus  
 Herbert Lewis Wiard, Pickerington  
 Kevin Robert Wicktora, Brook Park  
 Nancy Ruth Williams, Ramsey, N. J.  
 Linda Sue Wilson, Columbus  
 Scott Edward Wilson, Heath  
 Susan Ellen Wilson, Caledonia  
 Sharon Kay Wise, North Canton  
 Lisa Ann Witter, Findlay  
 Cynthia Wynn Wittine, Columbus  
 Nancy Lynn Wolfing, Toledo  
 William James Wolford, Columbus  
 Laurel Ann Woodward, Columbus  
 Charles William Wright, Lorain  
 Karen Denise Wyman, Powell  
 Lisa D. Yorke, Canonsburg, Pa.  
 Christopher G. Zag, Columbus  
 Deborah Justine Zelenak, Brook Park  
 Steven Wayne Zerkel, Celina  
 Debra Lea Ziegler, Sandusky

**Bachelor of Art Education and  
 Bachelor of Music Education  
 degrees are offered jointly by the  
 College of the Arts and the  
 College of Education.  
 Candidates are listed under  
 College of the Arts**

## College of Engineering

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Robert Thomas Biedron,  
 South Plainfield, N. J.  
 Diana Beth Cox, Toledo  
 Thomas J. Delash, Chalfont, Pa.  
 Isaac Davis Harris, Columbus  
 Thomas Edward Herrick, Toronto  
 Philip Arthur Hill, Urbana  
 Carl Joseph Kennedy, Springfield  
 Frederick W. Lacy, Athens  
 William Ray Little, Warren  
 Tim James Logan, Timberlake  
 Robert Michael Newton, Pittsburgh, Pa.  
 Lee Ayers Weider, Alliance  
 Roseann Wozniak, Northfield

### Bachelor of Science in Agricultural Engineering

Randall Carlton Alger, Mantua  
 Patrick Michael Altvater, Upper Sandusky  
 Gregory Edmund DeChristopher,  
 Perrysburg  
 Eric David Desmond, McCutchenville  
 Dennis Christopher Flanagan, Van Buren  
 Mark Allen Flick, Bluffton  
 Kenneth Wesley Hummel, Austinburg  
 Kent Ernest Logan, Mt. Gilead  
 Robert Wayne Spengler, Bloomingburg

### Bachelor of Science in Ceramic Engineering

Sam Ashman, Conneaut  
 Scott Howard Barnhouse, East Liverpool  
 Michael Edward Callahan, Somerset  
 Patrick Joseph Callahan, Somerset

Christopher Craig Flynn, Roseville  
 Kenneth Bruce Foy, Cincinnati  
 Janet Bertlynn Hurst, Delaware  
 Valerie J. Johns, Whitehall  
 Timothy Allen Powers, Perrysburg  
 Timothy Brian Rasor, Tipp City  
 Gregory Wayne Shaffer, Bolivar  
 Joseph Michael Staller, Canton  
 William Ralph Wagstaff, Zanesville  
 Ralph Philip Zucker, University Heights

### Bachelor of Science in Chemical Engineering

Ralph John Antone, Utica, N. Y.  
 Lani Lopezllera Bell, Columbus  
 Jeffrey Robert Brown, Columbus  
 Carol Ann Bur, Mansfield  
 Frederick Tyson Clark, Cincinnati  
 Peter Scott Clark, Mansfield  
 Gary Steven Datsko, Alliance  
 Bruce Roger DeBruin, Circleville  
 Michael Paul Dranschak, Marion  
 Paul Thomas Dubetz, Ravenna  
 Fred David Ehrman, New Albany  
 Matthew James Galosi, Cincinnati  
 Mark Anthony George, Parma  
 Walter Andrew Hansen, Akron  
 William Allen Jones, Columbus  
 Kyle Elizabeth Kennedy, Hilliard  
 Joseph Edward Legenza, Mansfield  
 Richard Lee Mayer, Columbus  
 Larry Michael Miller, Wheelersburg  
 Michael Moore, Columbus  
 Laura Lee Murphy, New Philadelphia  
 David Mark Pentenbug, Lima  
 Sanford Lenn Phillips, Columbus  
 Christine Ann Proctor, East Liverpool  
 Gary Robert Prok, North Olmsted  
 Stephen Robert Reiling, Chardon  
 James Nels Rigano, Kettering  
 Cynthia Ann Scheetz, Heath  
 Susan Ann Sferra, Steubenville  
 Jeffrey Lee Shifflette, Kent  
 Gary Dale Shives, Orient  
 Ellen Mae Silva, Medina  
 Arlene Ann Simon, Milford  
 Debra Sue Simpson, Columbus  
 Timothy Leigh Strickler, Powell  
 Wayne Gordon Stuber, Amherst  
 Charles William Theuring, Jr., Cincinnati  
 Jim Youchih Tou, Columbus  
 David George Vutetakis, Canton  
 Mark Robert Warfield, Columbus  
 Mark Joseph Zeto, Columbus  
 Kent W. Zimmerman, Columbus  
 Ronald Richard Zitzman, Toledo

### Bachelor of Science in Civil Engineering

Douglas Roy Berlekamp, Tiffin  
 John Robert Bogart, Columbus  
 Michael Brian Calvin, Canfield  
 Paula Jean Childs, North Olmsted  
 Douglas Carl Dreher, Strasburg  
 Jay Corliss Evans, Cincinnati

Susan Eleanor Forchheimer, Gahanna  
 Jeffrey Thomas Gruber, Columbus  
 Carl William Guendelsberger, Sandusky  
 Timothy Paul Jennewine, Xenia  
 Jeffrey Richard Ketteler, Monroe  
 Dale Edward Kocarek, Painesville  
 Jon Wilhelm Kolp, North Canton  
 Brian Andrew Lawler, Highland Heights  
 Robert Louis Martino, Lorain  
 Joel Warren Massmann, Deshler  
 Bret Lindsay McLean, Niles  
 Stephen Edgar Morris, Springboro  
 Gerald Edward Mudd, Akron  
 Sidney M. Robbins, Norwalk  
 Felix Francisco Rodriguez,  
 Barquisimeto, Venezuela  
 William David Schlarb, West Lafayette  
 Brian Lee Schmidt, Worthington  
 Jerome John Schwartz, Bethel Park, Pa.  
 Thomas Joseph Sheeran, Troy, N. Y.  
 Kurt Evan Shelley, Uhrichsville  
 John Oliver Smith, Lima  
 Mark Stephens Stephenson, Wadsworth  
 Karl Edwin Suter, Stow  
 Mohammed Tahari, Algiers  
 Ahmet Turkoglu, Columbus  
 Christopher James Turner, Maumee  
 Mark Allen Wigginton, Whitehall  
 Harry Eugene Winfrey, Mansfield

## **Bachelor of Science in Computer and Information Science**

Danny Steven Dimitrovski, Columbus  
 Douglas Brian Donohue, Columbus  
 George H. Gates, III, Columbus  
 Keith Gordon Gruber, Parma  
 Michael Marc Hanlon, Berea  
 Thomas Charles Harsch, Reynoldsburg  
 Dennis Wade LaRue, Somerset  
 Mark Richard Layman, Lancaster  
 Kevin Edward Moynihan, Lowell  
 Harold Ernst Priller, Parma

## **Bachelor of Science in Electrical Engineering**

David L. Augenstein, Columbus  
 Blaine Allen Baker, Heath  
 Gwyneth Joaquina Benn, Columbus  
 Kenneth Steven Bobick, Broadview Heights  
 John Edward Bollinger, Akron  
 Charles Stephen Bowman, Reynoldsburg  
 James Michael Brohard, Westerville  
 Michael Lynn Brooks, Dayton  
 James David Broshanah, Columbus  
 Barry Wayne Brown, Columbus  
 Patrick Charles Brown, Marion  
 Keith Alan Christianson, Columbus  
 Debbie Ann Cree, Worthington  
 William Robert Dempwolf, Cincinnati  
 John Aurel Dragos, Pittsburgh, Pa.  
 Martha Ann Dunn, Trumbull, Conn.  
 Thomas Joseph Galica, Middleburg Heights  
 James Thomas Goines, Mentor  
 Joseph Anthony Grasso, II, Kettering  
 William Conrad Hallowell, Columbus  
 Scott Haven Hammond, McConnelsville  
 Michael Marc Hanlon, Berea  
 Daniel Nelson Heer, Columbus  
 Steven Rhnes Johns, Columbus  
 Steven George Jorgensen, Oxford  
 John Bristor Keagler, Columbus  
 Tze Wing Keung, Kowloon, Hong Kong

Rene Knafo, Columbus  
 Gregory Dean Kochendorfer, Kettering  
 Paul Walter Kollaritsch, Columbus  
 Daniel Allen Kramer, Hilliard  
 David Allen Ksienski, Columbus  
 Keith Andrew Lane, Cincinnati  
 Chong Suh Lee, Columbus  
 Paul James Lemmon, Oak Harbor  
 Sandra Kay Lockhart, Columbus  
 Russell Stuart Long, Mansfield  
 Joseph Michael Mackin, Columbus  
 Martin Francis Mayock, Euclid  
 Kevin Patrick McCarthy, Toledo  
 Edward Crockett McKenzie, Jackson  
 Edwin Ray McNeese, Jr., Columbus  
 Gerald William Meyer, Bellvue  
 Jeffrey Craig Miller, Malvern, Pa.  
 William Jeffrey Mohrman, Wellington  
 William August Mugge, Kettering  
 Norbert Nichols, Columbus  
 Abdul Kasim Nusairat, Al-Husn, Jordan  
 Timothy Mark Rees, Columbus  
 Albert R. Regal, Jr., Columbus  
 William Jennings Rodgers, Canton  
 Willard Frederick Sayre, Bowerston  
 Robert Bruce Scurluck, Parma Heights  
 Edward Lee Swarthout, Columbus  
 Michael Lonsway Thurn, North Royalton  
 Philip Gerard Verhoff, Cridersville  
 Thomas Ryan Vermillion, Wheeling, W. Va.  
 William Jay Vocial, East Liverpool  
 Ronald Richard Wantuck, Amherst  
 Thomas John Weber, Newcomerstown  
 Mark Eric Williams, Toledo

## **Bachelor of Science in Engineering Physics**

Steven Ross Lampman, Rocky River  
 Glen Ellis Orcutt, Worthington  
 Lawrence John Rybarczyk, Elyria  
 David Kevin Temple, Marion  
 John Russell Wiseman, Stow

## **Industrial Engineer**

Sedigheh Parivash Jannati, Tehran, Iran  
 Afeef Hassan Makkawi, Sidon, Lebanon

## **Bachelor of Science in Industrial and Systems Engineering**

Thomas Lawrence Adams, Worthington  
 Landon Coleman Bain, Columbus  
 Annette Branham, Clyde  
 Joseph Wilson Davidson, Westlake  
 Judith Alice Domanski, Carnegie, Pa.  
 Donald Levon Hamparian, Worthington  
 Robert Eddy Harman, Worthington  
 William Victor Hostetler, Wakeman  
 Wayne Anthony Kiser, Columbus  
 David Ernest Kish, Middleburg Heights  
 Bruce Edward Krahl, Columbus  
 David Alan Lauzau, Strongsville  
 Steven Fredrick Lehwald, Columbus  
 Thomas James Lorman, Mentor  
 Gregory Michael Lundberg, Ashville  
 Nancy Jane McLean, Canton  
 John Stuart McLurg, Marysville

Hugh David Musselwhite, Powhatan Point  
 Ellen Al Nee, North Olmsted  
 Jeffrey Ray Otte, Luckey  
 Christopher John Picone, Solon  
 Joseph Milo Sanda, Westlake  
 Bryan Joseph Seekely, Cleveland Heights  
 Douglas Donald Sink, Findlay  
 David Eric Tatman, Columbiana  
 Louis David Thomas, Canton  
 Karl Joseph Weidner, Columbus

## **Mechanical Engineer**

Rodger Allen Herbst, Columbus

## **Bachelor of Science in Mechanical Engineering**

Roy Harold Amacher, Euclid  
 Timothy Patrick Axe, St. Marys  
 Stephen Rory Blozis, Columbus  
 Clifton Randolph Boggs, Springfield  
 Bret Lloyd Boman, Encinitas, Calif.  
 David George Bouton, Akron  
 William Frederick Boyee, Girard  
 Floyd Brush Bradley, Jr., Dublin  
 Victor McCabe Cooley, Galion  
 Charles Lee Denniston, Columbus  
 Thomas Michael Draus, Rossford  
 Earl William Duck, San Antonio, Tex.  
 Douglas Michael Farley, Avon Lake  
 Glenn Alan Pink, Adams Mills  
 Victor Jay Elinner, Navarre  
 James David Fornof, Verona, Pa.  
 Bryan Thomas Fox, Parma Heights  
 Michael John Gaw, Columbus  
 Farhad Ghavami, Columbus  
 Douglas Joseph Gibson, Iowa City, Ia.  
 John Neilen Glidewell, Fairborn  
 Scott Stuart Gregory, Bay Village  
 Edward John Gue, North Olmsted  
 Mark Allen Hahn, Columbus  
 Gary Wayne Jackson,  
 Berkeley Springs, W. Va.  
 Russell Casimer Jezeski, Parma  
 Robert Patrick Kennedy,  
 Hilton Head Island, S. C.  
 John Louis Kneple, Newton  
 Michael Kolic, Columbus  
 Terry George Kosmatka, Bellefontaine  
 Daniel John Lachowyn, Norwalk  
 James Carl Lieb, Norton  
 Mark Allen Line, Arlington  
 Robert Earl Lovenshimer, Columbus  
 Gregory Allan McMahon, Columbus  
 Charles Randall Miller, Maumee  
 Thomas Carl Moenter, Pemberville  
 Thomas Patrick Nash, Colts Neck, N. J.  
 Beth Ann Novak, Columbus  
 Kenneth Alan Patterson, Westwood, N. J.  
 David John Ritchey, Clyde  
 Thomas Sailer, Grove City  
 Alan Eugene Sigler, Mansfield  
 Richard Alan Sleesman, Edgerton  
 Roger Edwin Stout, Urbana  
 Patrick Joseph Suniewick, Monroeville, Pa.  
 Rita Lynn Tracy, Columbus  
 Kenneth John Weibel, Columbus

## **Bachelor of Science in Metallurgical Engineering**

Valerie Susan Balint, Columbus  
 William James Bendel, III, Franklin  
 Ruth Christine Buzek, Strongsville  
 Keith Alan Christianson, Columbus

Kathleen Susan Cox, Columbus  
Denise Marie Gee, Wellston  
Douglas Kester King, Canton  
Dixon Gustavo Mejia Garcia,  
Maracaibo, Venezuela  
Angel Rafael Molina Garcia,  
Caracas, Venezuela  
Hendy Rafael Montiel Arguello,  
Maracaibo, Venezuela  
Mark Lynn Overmyer, Lindsey  
Scott Allen Quillin, Millersburg  
Jon Kevin Resch, Columbus  
Robert Lawrence Roberts, Jr., Piqua  
Richard William Sillanpa, Painesville

## **Bachelor of Science in Mining Engineering**

Timothy James Culp, Alliance  
Joseph Darrell Fodo, Seven Hills  
William Lustig Johnston, Zanesville

## **Bachelor of Science in Surveying**

Jay Corliss Evans, Cincinnati  
Peter Arden Ropp, Cincinnati  
Michael Harry Szlauko, Fairview Park

## **Bachelor of Science in Welding Engineering**

Steven Edward Barhorst, Anna  
Thomas Michael Belt, Morristown  
Douglas Charles Boes, Defiance  
Randall Ray Counselman, Tiffin  
Evan Frederic Dalasta, Lyndhurst  
Douglas Paul Fairchild, Columbus  
Brian David Farnsworth, East Liverpool  
Dave Forest Farson, Lowell  
Michael David Goshorn, Worthington  
Bruce Fletcher Gregory, South Euclid  
John Michael Gruber, Verbank, N. Y.  
Donald Owen Holte, Cincinnati  
Thomas Richard Hudson, Salem, Mass.  
Robert Calvin Jewell, North Canton  
James Jeffrey Moore, Mount Gilead  
Michael Hilary Novak, Worthington  
William Allen Sauter, Provo, Ut.  
Brian Lowell Smith, Mentor  
Thomas Brent Valentine, Gallipolis

## **School of Architecture**

### **Bachelor of Science in Architecture**

Gary James Alexander, Columbus  
Grace Helen Balaban, Rosedale, N. Y.  
Arthur Michael Balourdas, Rocky River  
Robert Edward Bates, Harrison  
Stuart Martin Berger, Columbus  
Gregory Bruce Bills, Centerville  
Laszlo Biris, Columbus  
Robert Wayne Blatchford, Cleveland  
William Carl Burchfield, Columbus  
Steven Robert Cardwell, Marion  
Paul Francis Carr, Warwick, R. I.  
Vincent Victor Catalano, New Bremen  
Joseph Allan Chaiklin,  
Hamilton, Ontario, Canada  
John Richard Christensen, Rocky River

Douglas Christopher Circosta, Spadyside  
Jeffrey Alan Cole, Hudson  
Robert Alan Collins, Dayton  
Julia Cousins, University Heights  
David Alan Crawford, Canal Fulton  
Thomas Wayne Darnall, Findlay  
Kimberly Sue Devlin, Bellbrook  
Mark Peter Ehret, North Canton  
Brad Anthony Erdy, Columbus  
Randall Allen Fischer, Bucyrus  
William Ray Fisher, East Sparta  
Luis Rafael Gil, Caracas, Venezuela  
Dean Robert Gledhill, Galion  
Roy Lynn Gunsolus, Tonawanda, N. Y.  
Quin Joe Hagerty, Port Clinton  
Sharon Jaye Harlamert, Piqua  
Brett Martin Hendricks, Youngstown  
Robert Allen Jarc, Eastlake  
Albert Doosoon Kim, Copley  
David Brice Larson, Columbus  
Robert Donald Leonard, South Amherst  
Yair Jack Marcus, Tel-Aviv, Israel  
Edward Evans McCall, Urbana  
Edward Lowell McMillen, Worthington  
Mark Donald Nosky, Depew, N. Y.  
Marcos J. Novak, Columbus  
Harvey Offer, Cleveland Heights  
Jeffrey Boone Purvis, Worthington  
Michelle Veronique Quesada, Columbus  
David Alan Quinn, Phillipsburg, N. J.  
Terry Paul Rookard, Boston, Mass.  
Richard M. Rudman, Port Reading, N. J.  
Dean Thomas Santoferraro, Akron  
Gregory Gerard Schon, Cincinnati  
Richard William Schuerger, Parma Heights  
Laurie Ann Schwab, Port Huron, Mich.  
Kim Louise Shelley, Uhrichsville  
Randal Alan Slane, Columbus  
Fred Rhodes Smith, Gahanna  
Thomas Lynn Stever, Columbus  
John Parker Stuart, Cleveland Heights  
Mohamad Vaghei, Tehran, Iran  
Richard Alfred Wandschneider, Columbus  
Alan Jon Warner, Galloway  
Joan Mary Yanchewski, Marlboro, Mass.  
Brian Lee Zingelmann, Columbus

## **Bachelor of Science in Landscape Architecture**

Pier Maria Alonso, Lancaster  
Sieglinde Barthmus Anderson, Columbus  
Richard Keith Ansley, Columbus  
David Robert Beadle, Euclid  
Jeanette Arlene Behrends, Dublin  
Charles Anthony Bell, Kettering  
Valerie Ann Blane, New Bremen  
John Allen Botelho, Columbus  
Amy Lucretia Boyd, Columbus  
James Mark Burton, Clarion, Pa.  
Edward Chandler Cassidy, Canton  
Bruce William Cook, Manchester, Mass.  
Mark Charles Culichia, Youngstown  
Robert Brent Dennis, Edgerton  
Thomas Bidwell DeWitt, Akron  
Robert Karl Esselburn, Jr., Zanesville  
James Alan Eyre, Akron  
Kathleen Marie Fox, Dayton  
Gregory Allen Frink, Columbus  
Mark William Furlong, Mansfield  
Paul Scott Gibson, Hudson  
Gerald Ferguson Gaspie, Cincinnati  
William F. Hengelsberg, Pittsburgh, Pa.  
Mary Elizabeth Hopley, Cincinnati  
Jeffrey Scott Howard, Columbus  
Randal Lee Kamban, New Philadelphia  
Joseph Michael Laneve, Dayton

Vicki Ilene Mynhier, Reynoldsburg  
Michael Rhine Naylor, Columbus  
Leonard Vincent Filliere, Barberton  
Nora Jean Rezabek, Macedonia  
Thomas Deane Ritchie, Lima  
Randal Scott Romie, Dayton  
Timothy Scott Schmalenberger,  
Coral Gables, Fla.  
Edgar Frank Smalley, Celina  
Stephen Albert Smith, Cincinnati  
Richard Al Thielen, Toledo  
Anthony Carl Vinco, Columbus  
Michael Leonard West, Columbus  
Sharon Kay Wetzel, Germantown

## **College of Law**

Dean: James E. Meeks

### **Juris Doctor**

Luis Manuel Alcala, Columbus  
B.A.  
Michael David Allen, Cridersville  
B.A. (Northwestern University)  
Martha Graves Althaus, Worthington  
B.S.Ed.  
Donald Lee Anspaugh, Marion  
B.A. (Bowling Green State University)  
James Francis App, Parma  
B.A. (Kent State University)  
Roberta Antonio Arias, Miami, Fla.  
B.A. (Florida International University)  
Steven Robert Bartram, Ashland, Ky.  
B.S.Bus.Adm. (West Virginia University)  
Roland Humphreys Bauer, Hudson  
B.A. (Wake Forest University)  
Barbara Ann Belville, Delaware  
B.A. (Ohio Wesleyan University)  
Marshall Alton Bennett, Jr., Toledo  
B.A. (University of Toledo)  
Marc Jay Bernstein, Plymouth Meeting, Pa.  
B.A. (University of Delaware)  
Beth Broidy Black, Columbus  
B.S., M.A.  
Donna Marianne Brower Blair, Columbus  
B.A. (DePauw University)  
Susanne Renate Blatt, Columbus  
B.S. (Douglas College);  
M.A.  
Theodore Samuel Bloom, Columbus  
B.A. (Boston University)  
Kenneth Ray Boggs, Columbus  
B.A. (Ohio University)  
Charles Clifford Boucherle, Youngstown  
B.S. (Youngstown State University)  
Martha Elizabeth Boyce, Columbus  
A.B. (Ohio University)  
Melanie Cavendish Braithwaite, Columbus  
B.A.  
Shirley Bernadette Brown, Brooklyn, N. Y.  
B.S. (Brooklyn College of The City  
University of New York)



John Frank Burkhard, Elyria  
B.A. (Denison University)

James William Burley, Wallingford, Pa.  
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Christopher C. Carr, Needham, Mass.  
A.B. (Ripon College)

Herman A. Carson, Coolville  
B.A. (Ohio Northern University)

Michael Manuel Castro, Garfield Heights  
B.S.Bus.Adm. (Bowling Green State University)

David Wiley Coleman, Columbus  
B.A. (Pomona College)

Cheryl Lynne Connelly, Huntington, W. Va.  
B.S. (University of Iowa)

David Keith Conrad, Hamilton  
B.A. (Kenyon College)

Daniel William Costello, Brooklyn, N. Y.  
B.A. (Xavier University)

Anne Daley Cramer, Worthington  
B.A.

Stephen P. Dailey, Columbus  
B.A.

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Richard Davies, Mentor  
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Bradley Mark Davis, Dayton  
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Donald R. Davis, Grambling, La.  
B.A. (University of Kansas)

Thomas Eugene DeBrosse, Dayton  
B.S.  
M.B.A. (University of Minnesota)

Thomas Patrick Dickerson, Powell  
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David Reid Dillon, South Point  
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Douglas Allen Dimond, Cincinnati  
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Kevin Patrick Durkin, Youngstown  
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Janet Kathryn Dyar, Marietta  
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Deborah Ruth Pitluk Ecker, Beachwood  
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Theodore Robert Essex, Athens  
B.A. (Miami University)

Stephen Paul Eyen, Cambridge  
A.B. (Harvard University)

William Edward Fister, Cincinnati  
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Matthew James Foster, Pandora  
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Alice Helen Fraenkel, Columbus  
A.B. (Barnard College);  
M.S., Ph.D.

James Joseph Frasca, Columbus  
B.A.

Lisa Sullivan Gallant, Columbus  
B.A.

Rachel Elon Ramsey Geiersbach, Columbus  
B.A. (Anderson College)

Joan Marie Gibb, Columbus  
B.A.

Lynda Kerzic Given, Cleveland  
B.A. (Miami University)

Glen Louis Glenn, Cincinnati  
B.A. (Xavier University)

Jeffrey Robert Goldsmith, Columbus  
B.A.

Eileen Sue Goodin, Canton  
B.A. (Kent State University)

Clay Powelson Graham, Nashport  
B.A. (Denison University)

Thayne David Gray, Wilmington  
B.A. (DePauw University)

Robert Jeffrey Harris, New Philadelphia  
B.A. (Ohio Wesleyan University)

Ronda Joellyn Hartman, Dublin  
B.S.

Colin Keith Hatch, Columbus  
B.S.

Susan Cynthia Hayest, Columbus  
B.A.

Jeffrey Lloyd Hayman, Steubenville  
B.A.

Douglas G. Haynam, Youngstown  
B.S. (Miami University)

Richard James Helber, Columbus  
B.A.

Paula Sue Hidy, Columbus  
A.B. (Ohio University)

William Dean Holt, Frazeeburg  
B.S.Ed. (Ohio University)

Laurene Helen Horiszny, Lansing, Mich.  
B.A. (Michigan State University)

Thomas Melvin Huber, Pitman, N. J.  
B.A. (College of William and Mary)

Fordham Eric Huffman, Hilliard  
B.A.

Sherrie Passmore Hummel, Gahanna  
B.A. (Capital University)

Judy Klein Hunt, Louisville, Ky.  
B.A. (University of Kentucky)

Pamela Sue Iddings, Troy  
A.B. (Indiana University)

Carley Jean Ingram, Columbus  
B.S.S.W.

Louis Alan Isakoff, Cleveland  
B.A. (Miami University)

Richard Emory Jacobs, Lakewood  
B.S.

Timothy Charles James, Delaware  
B.A. (Miami University)

Gregory Keith Johnson, Cincinnati  
B.A.

Michael Duane Juhola, Ashtabula  
B.A. (Hiram College)

Clyde Conley Kahl, Mt. Vernon  
A.B. (Cornell University)

David Lee Keister, Columbus  
B.S. (Ohio University)

Mary Josephine Kilroy, Cleveland  
B.A. (Cleveland State University)

William Joseph Kirby, Columbus  
B.A. (Kenyon College)

Paul Ignatius Kolaric, Cleveland  
B.A.

Kim Robin Kolb, Pittsburgh, Pa.  
B.A. (Miami University)

Glenn Scott Krassen, Cleveland  
B.A. (George Washington University)

Darrolyn Church Krippel, Columbus  
B.A.

Susanne Elizabeth Kussrow, Columbus  
B.A. (Wittenberg University)

Charles Scott Lanz, Youngstown  
B.A. (Louisiana State University)

William Scott Lavelle, Athens  
B.S.J. (Ohio University)

John Morrill Lichtenberg, Columbus  
B.A. (Michigan State University)

Carol Perritt Lindstrom, Athens  
B.A. (Winthrop College)

Carol Ann Mackey, Mt. Victory  
B.A.

Richard Scott MacMillan, Sylvania  
B.S.E.E. (Purdue University)

John Patrick Mahaffey, Chillicothe  
B.A. (Miami University);  
M.A.

Diane Duemmel Mallory, Columbus  
B.A.

Craig Robert Mayton, Worthington  
B.A. (University of Maryland)

Frederick Meister, Columbus  
B.S., M.A.

Betty Louise Melragon, Columbus  
B.S. (State University of New York at Albany); M.A., Ph.D.

Carolyn Shaffer Melvin, Columbus  
B.A. (Dickinson College)

Joseph William Merry, Zanesville  
B.A. (Miami University)

Sally Ann Minor, Columbus  
B.A.

Teresa Citko Mlicki, Columbus  
B.A.

Michael Patrick Moloney, Sidney  
B.A. (Miami University)

Thomas Charles Montgomery, Lima  
B.A. (DePauw University)

Linda Anne Motosko, Youngstown  
B.S. (Youngstown State University)

Robert John Mulligan, Olmsted Falls  
B.A. (Miami University)

Bradley Allan Myers, Celina  
B.S.

Devon Myneder, New City, N. Y.  
B.A. (Wellesley College)

Norman Jacob Nadorff, Columbus  
B.A., M.A. (Saint Louis University)

Richard Owen Nathan, Cleveland  
B.A. (Case Western Reserve University)

Mark Kenneth Nielson, Kettering  
B.E.E. (University of Dayton)

Chris Joseph North, Cincinnati  
B.S.M.E., M.B.A. (University of Cincinnati)

Steven Richard Nuttall, Columbus  
B.S. (Eastern Illinois University);  
M.A.

Raymond Clifford Odom, Glen Ellyn, Ill.  
B.A. (Valparaiso University)

James Sand Olsen, Bay Village  
B.A.

Thomas Glenn Opferman, Amherst  
A.B. (Ohio University)

Michael Kevin Ording, Troy  
B.A. (Ohio Northern University)

Marcia Elaine Palof, Hilliard  
B.A. (Westminster College)

Joseph William Pappalardo,  
Mayfield Heights  
B.A. (Case Western Reserve University)

Steven Joseph Pecinovsky, Columbus  
B.A. (University of Notre Dame)

Dale Kent Perdue, Columbus  
B.A. (Ohio Northern University)

Samuel John Petroff, Springfield  
B.A. (Hanover College)

Robert McCall Pfeiffer, Cincinnati  
A.B. (Stanford University)

Lawrence Thomas Piergallini, Dillonvale  
B.S.Agr.

Stephen Edward Pigott, Cleveland Heights  
B.S. (Pennsylvania State University)

Roger Kenneth Quillen, Newcomerstown  
B.A., B.S.Ed.

Glenn Leland Rambo, New Lexington  
B.B.A. (Ohio University)

David Earl Ramsay, Columbus  
B.A. (Ohio Wesleyan University)

Michael James Ranallo, Mayfield Heights  
B.A. (Kent State University)

Robert Anthony Ranallo, Willoughby  
B.B.A. (University of Notre Dame)

Joseph James Recchie, Oxford  
B.A. (Miami University)

Linda Robin Regenstreich, Youngstown  
B.A. (Florida International University)

Larry Dean Rhodebeck, Mt. Gilead  
B.A. (Kent State University)

Anthony Thomas Rosta, Zanesville  
B.A.

Brent Allen Rowland, Marion  
B.S.Ed. (Bowling Green State University)

Richard Clyde Sahli, North Canton  
B.A. (Case Western Reserve University)

Gary Nelson Sales, Harrison  
B.S. (University of Cincinnati)

Gordon Everett Schaechterle, Jr., Norwalk  
B.B.A. (Ohio University)

Rae Ellen Schaeperklaus, Cincinnati  
B.S. (Northern Kentucky University)

Rhonda Perl Schechtman, New City, N. Y.  
B.A. (State University of New York at Buffalo)

Marsha Rockey Schermer, Columbus  
A.B. (Antioch College);  
M.A., Ph.D.

Frederick Carter Schoch, Troy  
B.A. (Northwestern University)

Shirley Jean Schwartz, Marietta  
B.A. (Mount Union College)

Amy Segel, Columbus  
B.G.S. (Capital University)

Shirley Adel Shank, Columbus  
B.A., M.A.

Robert Eugene Shenk, Columbus  
B.S.

James William Slagle, Galion  
B.A.

Donald Charles Slowik, Cincinnati  
A.B. (Duke University)

Carl De Mouy Smallwood, Upper Arlington  
B.S.Bus.Adm.

Douglas Alan Snyder, Columbus  
B.A.

William Joseph Sparer, Cincinnati  
B.A. (DePaul University)

Betty Ruth Steingass, Parma Heights  
B.A. (Capital University)

John Richard Stevenson, Portsmouth  
B.A. (University of Cincinnati)

Christopher John Swift, Piqua  
B.A. (Ohio Wesleyan University)

James Willis Thomas, Ironton  
B.A. (Miami University)

Robin Diane Thomas, Columbus  
B.A.

Thomas Edward Trempe, Springfield  
B.A. (Ohio Northern University)

Timothy Sebastian Trigilio, Lorain  
B.A.

Joseph John Van Heyde, II, Columbus  
B.B.A. (University of Notre Dame)

Mark Robert Wagner, Parma Heights  
H.B.A. (Xavier University)

Michael John Warrell, Medina  
B.A. (Swarthmore College)

Lucile Gray Weingartner, Akron  
A.B. (Cornell University)

Bruce Jeffrey Weston, Cleveland  
B.B.A. (University of Cincinnati)

Joan Elizabeth Wheeler, Centerburg  
B.S.Bus.Adm.

Carole Jean Wherry, Worthington  
B.A. (University of Cincinnati)

Andrew O. Whiteman, Cincinnati  
B.S. (Miami University)

Michael James Wicks, Warren  
B.A.

Jean Wilensky, Cincinnati  
B.S. (Indiana University)

Douglas Leonard Williams, II, Cleveland  
B.S. (United States Air Force Academy);  
M.A. (Central Missouri State University)

Steven Dean Wilson, Belle Valley  
B.A. (University of Akron)

Alan Winters, Bayside, N. Y.  
B.A. (University of Rochester)

Wayne A. Wirtz, Cincinnati  
B.S. (University of Cincinnati)

Martin Jay Witherell, Toledo  
A.B. (Georgetown University)

Myron Daniel Wolf, III, Cincinnati  
B.A. (Ithaca College)

David Arthur Wormser, Shaker Heights  
B.S. (Miami University)

Daniel James Wright, Lima  
B.A. (Dartmouth College)

Patricia Ann Younger, Canton  
B.A. (University of Akron)

Michael Carl Zellers, Westlake  
A.B. (Grove City College)

Charles Anthony Ziegler, Youngstown  
B.A.Jour.

Bryan Frank Zima, Chardon  
B.S. (Mt. Union College)

## College of Medicine

Dean: Henry G. Cramblett, M.D.

### Doctor of Medicine

Susan Marie Adler, Fairview Park  
A.B. (Miami University)

Daniel Joseph Ailes, Lancaster  
B.S. (Ohio University)

Richard Mark Anderson, Jerseyville, Ill.  
B.S. (Bowling Green State University)

Madeleine Jean Andrews, Cambridge  
B.A. (Capital University)

Jeffrey Neville Armitage, Bay Village  
B.A. (University of Vermont)

Belinda Rene Avalos, Ironton  
B.S. (Marshall University)

Roger John Balogh, Huntsburg  
B.A. (Kent State University)

Holly Jean Barrows, Chillicothe  
B.A. (Otterbein College)

Anthony F. Behler, Cincinnati  
B.S. (Xavier University)

Terry Wayne Bell, Chillicothe  
B.S. (Wright State University)

Daniel William Berland, Toledo  
B.S. (University of Michigan)

William Richard Bernhart,  
Brooksville, Fla.  
B.S.

Gordon Lee Bills, Centerville  
B.S. (Wright State University)

Bruce Wayne Blackwell, Columbus  
B.A. (Kent State University)

Matthew Christopher Blazek, Cleveland  
B.S.

David Allan Bobak, Garfield Heights  
B.S. (Mt. Union College)

John Gregory Bohlen, Cincinnati  
B.S. (Xavier University)

Gary Edward Bollin, Toledo  
B.S. (University of Toledo)

Christopher Boshkos, Canton  
B.S. (University of Cincinnati)

Nancy Jo Gelfus Braden, Columbus  
B.S.

Mark Sherman Brown, Springfield  
B.A. (Case Western Reserve University)

Robert Michael Buchsbaum, Columbus  
B.A.

Kenneth Allen Bulen, Enon  
B.S.

Paul Robert Butler, Bryan  
B.S. (Bowling Green State University)

Joseph Richard Calabrese, Jr., Cleveland  
B.S. (Xavier University)

Douglas Austin Chen, Des Moines, Ia.  
B.S. (Denison University)

Thomas Myron Coffman,  
Middleburg Heights  
B.A. (University of Pennsylvania)

Donald Dean Collins, Troy  
B.S.

Gary Thomas Collins, North Bend  
B.A. (Miami University)

Sidney Lawrence Couling, Columbus  
B.S. (Bowling Green State University)

Paul William Craven, Dayton  
B.S.

Adrian Anthony D'Amico, Steubenville  
B.S. (University of Pittsburgh)

Daryl Foster Daugherty, Youngstown  
B.S. (Mount Union College)

Mark Edward Davanzo, Youngstown  
B.S.

Richard Alan Devans, Lyndhurst  
B.S. (University of Toledo)

Thomas Hubert Diehl, Akron  
B.S. (University of Akron)

Dennis Edwin Doherty, Cincinnati  
B.A. (The Johns Hopkins University)

Paul Henry Dombrowski, Independence  
B.A. (Loyola University)

Patricia Ann Donohoue, Cincinnati  
B.S. (Marian College)

Stephen John Dutko, Campbell  
B.S.

Dean Carl Easton, Columbus  
B.S.

Jerry Brugler Elliot, West Mansfield  
B.S.

Charles Mitchell Fields, Jackson  
B.S.

John Alan Fink, Mt. Blanchard  
B.S.

Therese Marie Franko, Hubbard  
B.S.

Richard E. Freese, Dayton  
B.S. (University of Dayton)

Timothy Alder Frye, Columbus  
B.S. (University of Michigan)

Kevin Joseph Fullin, Columbus  
B.A. (Ohio Dominican College)

Joseph Gerard Gibbons, Kettering  
B.S. (Georgetown University)

Daryl Lee Gildenblatt, Cincinnati  
B.A. (University of Cincinnati)

Gerald John Girardi, Columbus  
B.S. (John Carroll University)

Robert Gnade, Midland Park, N. J.  
B.S. (Taylor University)

Guy Golembiewski, Toledo  
B.A. (Columbia University)

Mary Jane Gombash, Swanton  
B.S. (University of Toledo)

Cindy Lee Grines, Cicero, Ill.  
B.S.

William C. Grosel, Lyndhurst  
B.S. (John Carroll University)

Laurance Bennett Grossman,  
Boca Raton, Fla.  
B.S. (University of Cincinnati)

Hans Edwin Grossniklaus, Navarre  
A.B. (Miami University)

Mary Jo Drexler Groves, Toledo  
B.S. (Ohio University)

Richard William Gurich, Orrville  
B.S. (Bethany College)

Steven Douglas Haas, Pittsburgh, Pa.  
B.S. (University of Akron)

Bradford H. Hack, Springfield  
B.S. (University of Washington)

Cynthia Ruth Hans, Berea  
B.S. (Brown University)

David N. Havlin, Cincinnati  
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Ted Allan Heckendorn, Wooster  
B.A. (Wittenberg University)

Mark John Heitbrink, Dayton  
B.S. (University of Dayton)

Ellen Louise Henderson, Athens  
B.S. (Ohio University)

Leigh J. Herman, Toledo  
B.S. (University of Michigan)

Marion Francis Hoelzer, Hillsdale, Ill.  
B.S.

Christopher Dixon Holzaepfel, Columbus  
B.A. (Miami University)

Doris Eileen Hossalla, Upper Sandusky  
B.A. (Capital University)

Betty Lynn Howie, Youngstown  
B.S. (Denison University)

David Francis Huber, Cincinnati  
B.S. (Xavier University)

Craig Lee Hyser, Fariborn  
B.S.

David Moore Jackson, Columbus  
B.A. (Miami University)

John Edward Jenrette, Jr., Mogadore  
B.S.

Marilyn Spragg Jenrette, New Concord  
B.A. (Muskingum College)

Joseph Marian Jeu, Flossmoor, Ill.  
B.S.

Gregory Michael Jewell, Jackson  
B.S.

Daniel Jay Johnson, Cincinnati  
B.A. (Miami University)

David A. Jones, Dayton  
B.S. (University of Cincinnati)

Jean Allen Joviak, Brandon, Fla.  
B.S. (Marshall University)

Hermann Walter Kaebnick, Troy  
B.S. (Northwestern University)

Camille Alexis Karaffa, Toronto  
B.S. (Marietta College)

Merle L. Kennedy, Jr., Atwater  
B.S. (Mt. Union College)

Howard Beryl Kessler, University Heights  
A.B. (Indiana University)

Kendel Grant Kidwell, Hillsboro  
B.S.

Thomas Andrew Kiefer, Coshocton  
B.S.

Mark Thomas Kimborowicz, Maple Heights  
B.A. (Case Western Reserve University)

Richard Matthew Kincaid, Columbus  
B.A. (Miami University)

Iva Louise Knapp, Bainbridge  
B.S. (University of Cincinnati)

Eugene Richard Koser, Jr.,  
Casselberry, Fla.  
B.S. (Wheaton College)

Marilyn Kay Kosier, Ludlow Falls  
B.S.

Thomas Andrew Krupko, McDonald  
B.S.

Eliyahu Shalom Ladell, Monsey, N. Y.  
B.A. (Yeshiva University)

David Edward Lammermeier,  
North Royalton  
B.S.

Robert Charles Landes, Fairview Park  
B.S. (University of Cincinnati)

Christine M. Lang, Brooklyn, N. Y.  
B.S. (Saint Joseph's College)

John C. Laschinger, Northridge, Calif.  
B.A. (University of Cincinnati)

Mollie D. Lavsky, Toledo  
B.S. (University of Toledo)

Philip Charles Lee, London  
B.S. (University of Dayton)

Laura Anne Leeson, Avon Lake  
B.A. (University of Toledo)

Alberto Antonio Leon, Indianapolis, Ind.  
B.S. (Wright State University)

Paul Hanming Liu, Dublin  
B.S.

David Dale Long, Dennison  
B.A. (Wittenberg University)

John William Lunsford, Jr., Alliance  
B.S. (Mount Union College)

John Frederick Maier, Huntsville  
B.S.

Carmine Gregory Mandarano,  
Howard Beach, N.Y.  
B.S. (State University of New York)

Patrick Scott Markel, Lima  
B.S.

David Scott Marsalka, Columbus  
B.A. (Wittenberg University)

Arthur Charles Martin, Painesville  
B.S. (Bowling Green State University)

Daniel Tunnie Martin, Columbus  
A.B. (Anderson College)

Stuart Paul Maschke, Sidney  
B.S. (Miami University)

Stephen Patrick McCormick, Columbus  
B.A. (Brown University)

Charles John McGaff, Jr., Toledo  
B.A. (University of Toledo)

Kathryn Goleman McKee, Columbus  
B.S.

Glenn William McLaughlin, Willoughby  
B.S.

Randy Robert Miller, Westerville  
B.A. (Otterbein College)

Gregory James Moore, Granville  
B.A. (University of Tennessee)

Paul L. Moots, Naples, Fla.  
B.S. (Duke University)

Vivian Frances Moynihan, Toledo  
B.S. (University of Dayton)

Thomas William Mueller, Cincinnati  
B.S. (Marietta College)

Link Robert Murphy, Dublin  
B.A.

John Joseph Naveau, Russia  
B.S. (University of Dayton)

Allan Jay Nichols, Brooklyn, N. Y.  
B.A.

Robert Paul Nielson, Jr., Maumee  
B.S. (University of Toledo)

John Francis Michael O'Leary, Columbus  
B.A. (Miami University)

James M. Pacenta, Akron  
B.S.

Thomas Anderson Painter, Cincinnati  
A.B. (Miami University)

Carey B. Paul, Columbus  
B.A. (Miami University)

Thales Nicholas Paviatos, Springfield  
B.A. (Wittenberg University)

Samuel Bruce Pegram, Columbus  
B.A. (Northwestern University)

Linda Darlene Pope, Cleveland  
B.A. (Oberlin College)

Craig Charles Porter, Rocky River  
A.B. (Kenyon College)

Timothy Joseph Quill, Ft. Wayne, Ind.  
B.S.

Patrick Alfred Quinn, Middlefield  
B.A. (Saint Louis University)

Robert D. Quinn, Westlake  
B.S. (Northwestern University)

Mohan Kandarpa Rao, Columbus  
B.S.

Joseph Martin Reising, III, Cincinnati  
B.A. (University of Cincinnati)

Nancy Ann Rudd, Cincinnati  
B.S. (University of Cincinnati)

Dennis Franklin Ruppel, Caldwell  
B.S. (Muskingum College)

John Torsten Sandlund, Bath, N. Y.  
B.A.

Patrick Joseph Scarpitti, Columbus  
B.S.

John Bales Schorling, Senecaaville  
B.A. (Kalamazoo College)

Stephen Shuster, Cincinnati  
B.A. (Emory University)

Robert Bruce Schwallie, Cincinnati  
B.A.

Thomas Gerard Schwarz, Cincinnati  
B.S. (Xavier University)

Viola Devany Scott, Akron  
B.A. (Kent State University)

Daniel Dreese Sedmak, Cincinnati  
B.S. (University of Cincinnati)

Steven Anthony Severyn,  
Broadview Heights  
B.A. (The Johns Hopkins University)

Kimberly K. Shaftner, Springfield  
B.A. (Wittenberg University)

George Meade Shaw, Logan  
B.A. (Dartmouth College)

Brenda Jeanne Sickle, Bay Village  
B.S. (University of Notre Dame)

Kenneth M. Sigman, Cleveland  
B.A. (Miami University)

John David Slightam, Xenia  
B.S. (University of Dayton)

Andrew Slivka, Jr., Independence  
B.S. (Bowling Green State University)

Rebecca Lynn Sloan, Stryker  
B.S. (Bowling Green State University)

David Austin Spahlinger, Massillon  
B.S.

Ted Spirtos, Campbell  
B.A. (The Johns Hopkins University)

Thomas Lowell Standeford, Ottawa  
B.S.

Robin Gerald Stanko, Westlake  
B.A. (Northwestern University)

John Robert Stechschulte, Lima  
B.S. (University of Notre Dame)

Orest Stecyk, Parma  
B.S. (University of Notre Dame)

William John Stewart, Akron  
B.A. (Miami University)

Roger Allen Styles, Fairborn  
B.S. (Wright State University)

Agnes Victoria Suleski, Willoughby Hills  
B.A. (Case Western Reserve University)

Martin James Sullivan, Cincinnati  
B.A. (DePauw University)

Michael Joseph Sullivan, Marion  
B.S. (University of Toledo)

Jean-Claude M. Tabet, Newton Falls  
B.A. (Case Western Reserve University)

Ralph Henry Talkers, Cincinnati  
B.A. (Wabash College)

Daniel Hartman Tetirick, Columbus  
B.S.

Karl Stephen Theil, Olmsted Falls  
B.S. (Allegheny College)

Richard Gilmor Thomas, Grafton  
B.S. (Baldwin-Wallace College)

Stephanie Wiles Thomas, Berea  
B.S. (Baldwin-Wallace College)

Michael John Thompson, Chagrin Falls  
B.S. (Ohio Wesleyan University)

Pierre Lorenzo Triozzi, Ashtabula  
A.B. (Cornell University)

Gary Richard Tylock, Buffalo, N. Y.  
M.S. (Bowling Green State University)

Douglas B. Van Fossen, East Palestine  
B.S. (Adrian College)

Thomas Lewis von Sternberg, Parma  
B.S. (University of Toledo)

Bruce Edward Walls, St. Albans, W. Va.  
B.S. (Wright State University)

Mark Douglas Walters, Toledo  
B.S. (University of Cincinnati)

Barbara Ola Ward, Napoleon  
B.S. (Ashland College)

Jeffrey Scott Warren, West Lafayette  
A.B. (Miami University)

Steven Robert Weasen, Bronx, N. Y.  
B.A. (State University of New York)

Stephen C. Wenzke, Dayton  
B.S.

Timothy Francis Whiteside, Centerburg  
B.S. (Xavier University)

George E. Wiggins, New Philadelphia  
B.S.

Mary Beth Williams, Niles  
B.S. (John Carroll University)

Mary Ellen Wissel, Cincinnati  
B.A. (Thomas More College)

James Scott Wolery, Delphos  
B.S.

Michael Eric Yaffe, Toledo  
B.A.

Diana Meiring Zitter, Fort Recovery  
B.S.

## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

Stephanie Ellen Alfrey, Ironton  
R.N. (Holzer School of Nursing,  
Gallipolis)

Vivian Linnette Anderson, Toledo  
Gary Martin Ansel, Columbus  
Glenda Louise Bailey, Wayne, Pa.  
Kristine Louise Balkenhol, Gahanna

Pamela Jane Barr, Canton  
Jayne Sue Bell, Beachwood  
Pamela Sue Bensman, Toledo  
Melinda Lewis Blesch, Rushville  
Lynne Shannon Blinco, Sylvania  
Deborah Jo Booher, West Lafayette

Theresa Erb Boyle, Columbus  
Joanne Bozza, Gates Mills  
Kevin James Brennan, Columbus  
Lyneah Jean Breskvar, Euclid

Timothy David Burkam, Delaware  
B.A. (Miami University)  
Carol Ann Cafarelli, Euclid  
John Michael Chudik, Struthers

Kathleen Jean Clark, Maple Heights  
Suzan Roeger Cloud, Columbus  
Christopher James Cotter, Cincinnati  
Joyce Elizabeth Cox, North Royalton

Susan Elizabeth Crane, Fairfield  
Jacann Rae DeMuth, Alliance  
B.S. (Mount Union College)

Sherry Denise Diehl, Barberton  
B.S. (University of Akron)

Vickie Lee Diercks, Ashland  
Susan Catherine DiOrio, Garfield Heights

Michael Joseph Dodaro, Dayton  
Lauri Ellen Doyle, Boardman

Edward Raymond Dunlay,  
New Wilmington, Pa.  
William Howard Dwight, Perrysburg

Tracy Lynn Elrod, Tipp City  
Donna Lynn Facer, Parma

Vickie Mary Fairchild, Cincinnati  
Jennifer Elaine Fields, Norwalk

Susan Eileen First, Lima  
B.A. (Sioux Falls College)

Debra Lynne Frazier, Columbus

Louis Anthony Freedman,  
Richmond Heights

Paula Jean French, Hamilton, Ill.  
B.S. (Illinois State University)

Jeanne Marie Funk, Parma  
William Dean Garriott, Mansfield  
Cynthia Louise Geiger, Middleburg Heights  
Maxine Beth Gilgoff, New York City, N. Y.

B.S.  
Pamela Ann Gindlesberger, Loudonville  
Nancy Ann Giunto, Toledo

Sandra Louise Howell Grant, Columbus  
Cynthia Ellen Groves, Hilliard

Deryl Edwin Gulliford, Green Camp  
Karen Ruth Harbeintner,  
Middleburg Heights

Alvin James Harper, Jr.,  
Center Township, Pa.

Kim Michele Helsing, Middletown  
Michael Jeffrey Hill, Zanesville

Martha Lee Himes, Columbus  
Douglas Clifford Hoeck, Warren

Willard Ross Irvin, Beverly  
Joan Marie Jennings, Parma

Beverly Sue Jones, Columbus  
Kristin Zimmerman Joseph, Warren

Susan Kay Ketz, Richmond Heights  
William R. Klausung, Spencerville

Karen Lynn Klee, Kirtland  
Nancy Louise Kline, Bedford Heights

Helen Theresa Kolman, Youngstown  
Cathy Jane Konkler, Archbold

Alan William Koontz, Newark  
Janice Kaipainen Krizo, Akron

Vincent Michael Krutel, Cuyahoga Falls  
Christine Ann Laurich, Strongsville

Cynthia Ann Lear, Cincinnati  
Thomas Joseph Legando, Huron

Monica L. Lemponen, Maple Heights  
Pamela Blackshere Lewis, Akron

Lisa Ellen Lieb, Dayton  
Jonathan Paul Lindeman, Greensburg

B.S. (West Virginia University)  
Kimberly Ellen Lurie, Glendale, Ariz.

David LeRoy Mahugh, Glasgow, Mont.  
John David Martino, Grandville

Mark Alan Mason, Cincinnati  
B.S. (Bowling Green State University)

Jodie Kay McCalla, Columbus  
Angela Jane McCoy, Portsmouth

Karen Eileen Mess, Charleston, W. Va.  
Elizabeth Broomell Miller, Lakewood

Cheryl Ann Minnick, Cincinnati  
Daghi Larene Monroe, Columbus

David Brian Moore, Mansfield  
Patty Ann Yeagle Morgan, Columbus

R.N. (King's Daughters' Hospital  
School of Nursing)

Andrew Louis Morris, Middletown  
Mary Anne Morter, Tiffin

Fredric N. Muccio, Warren  
Linda Sue Murphy, Marion

B.S.N. (College of Mount Saint Joseph)  
Susan Schuyler Nelson, Erie, Pa.

Diane Nicol, Plain City  
Paul Edward O'Flynn, Columbus

B.S.  
Maria Christine Ogden, Mt. Clemens, Mich.

Mary Margaret Oliverio, Columbus  
Alan Jeffrey Orth, North Canton

Kimberly Ann Owens, Steubenville  
James Cranston Padgett, Jr., Mt. Blanchard

A.A.S. (Lima Technical College)  
James Evan Parsons, Liberty Center

Cynthia Ann Peel, Stow  
Patricia Sue Perkins, Northwood

Margaret Mary Pielage, Cincinnati  
Kirk Arthur Poenicke, Curtice

A.H.T. (University of Toledo)  
Ann Adair Powell, Columbus

Roberta Anne Ralston, Millersport

Victoria Ann Reich, Camp Hill, Pa.  
Darlene Reimer, Lyndhurst

Jill Lynn Reineck, Fairview Park  
Susan Elaine Rhine, Canfield

Janette Marie Richard, Worthington  
Karen Ann Rusnak, Kirtland

Nancy Elizabeth Sarro, Warren  
Beth Diane Saunter, Springfield

Karen Lee Schenke, Sarasota, Fla.  
Anita Jo Schroeder, Leipsic

William Arthur Sexton, II, Celina  
Elaine Marie Sich, Elyria

Marianne Simashkevich, Amherst  
Victoria Lynn Slusarz, Chesterland

Diane Smith, Cleveland  
Sharilyn Ann Sonner, Hicksville

B.S.  
Joni Louise Speier, Cincinnati

Belinda Kay Spohn, Somerset  
Chris Allan Stahl, Coshocton

Christine Straub, Strongsville  
Cynthia Rae Swigart, Ravenna

Jeannie Ann Swindle, Columbus  
Cheryl Lynn Taylor, Columbus

Janice Elaine Todd, West Lafayette  
Tina Marie Trojanowski, Bedford

Cynthia Louise Tulisiak, Parma  
Kathy Ann Valuska, Wintersville

Jacqueline Mary Van Horn, Cleveland  
Jan Comer Van Horn, Van Wert

Deborah Meri Verkin, Genoa  
Marcia Jane Vette, Massillon

Ann Vernice Wachtel, Coshocton  
Jennifer Ann Wade, Mansfield

Harold Philip Walbright, Portsmouth  
Don Joseph Ward, Wheaton, Md.

J. Marie Watkins, Perrysburg  
Jennifer Louise Watson, Toronto

Julia Denise Weaver, Paulding  
Edward Alan Wertz, Hamilton

Laura Laverne Wilhelm, Ada  
B.A. (DePauw University)

Lynn Marie Woznicki, Bedford  
Cheryl Jean Wulber, Yorkshire

### Certificate of Nurse Anesthetist

Patricia Reinecke Gladman, Columbus  
B.S.N.

Annette Phillips Polit, Ravenna  
B.S.N.

Barbara Waldron Smith, Lancaster  
B.S.N. (Ohio University)

### Certificate of Post Baccalaureate Circulation Technologist

Joseph Michael Bannan, Shadyside  
B.S.

Rick Allen Kuntz, Canton  
B.S.

### Certificate of Post Baccalaureate Medical Illustrator

Robert Morgan Bantly, Jr.,  
Manchester, Conn.

B.A. (Ohio Wesleyan University)

Drew Patrick Strawbridge, Allentown, Pa.

B.A. (Moravian College)

## School of Nursing

### Bachelor of Science in Nursing

Kristan Carol Adams, Columbus  
 Pamela Fay Adams, Cincinnati  
 Lynn Renee Albright, Pemberville  
 Clemma Kathleen Alcorn, Columbus  
 Leslie Anne Alexander, Columbus  
 Christine Allen Ammentorp, Middletown  
 Raejean Bateman, New Weston  
 Margaret Ann Baumgardner, Akron  
 Lisa Rene Beckman, Celina  
 Lee Annette Berger, Columbus  
 Connie Sue Berkley, Hudson  
 MaryAnn Bickerstaff, Niles  
 Cynthia Delorous Billiter, Portsmouth  
 Claudia Louise Black, Akron  
 Billie Joan Bodo, Norton  
 Barbara Jane Bolender, Circleville  
 Susan Diane Boyer, Canton  
 Karen Ann Brickner, Hudson  
 Rebecca Sue Bringardner, Columbus  
 Patricia Jean Brown, Lima  
 Janice Marie Bruns, Coldwater  
 Lileta Ann Burton, Columbus  
 Cathleen Carney, Bay Village  
 Tamara Jean Carter, Troy  
 Janice Kay Coberly, Canton  
 Patricia Sue Cordner, Warren  
 Anne Barbara Craig, Independence  
 Janice Elaine Dean, Urbana, Ill.  
 JoMarco DeMarco, Cincinnati  
 Peter Francis Denkowski, Cuyahoga Falls  
 Janet Louise Deringer, Ada  
 R.N.  
 Angela Diakandru, Rocky River  
 Diane Placke Dierckman, Batesville, Ind.  
 Beth Lynette Dyson, Chagrin Falls  
 Susan Marie Ferry, Mineral City  
 Nancy Augusta Fraley, Brunswick  
 Gregory Joseph Frost, Kettering  
 Gail Louise Furney, Canton  
 Judith Lee Gantzler, Fairview Park  
 Elizabeth Ann George, Tipp City  
 Karin Eby Germon, Columbus  
 Jill Anne Goff, Dayton  
 Theresa Ann Grabski, Seven Hills  
 Linda Sue Groves, St. Clairsville  
 Gail Rochelle Hahn, Lyndhurst  
 Nancy Clark Hamman, Williamsport  
 Connie Jean Hammer, Fostoria  
 Aimee Marie Hedrick, Delphos  
 Kathleen Marie Heintz, Centerville  
 Ann Lynne Hickerson, Rocky River  
 Linda Ellen Hines, Columbus  
 Martha Ann Hostetler, Canton  
 Amy Susanne Huddle, Columbus  
 Jane Anne Huey, Zanesville  
 Mary Celeste Huey, Marysville  
 Maura Ann Humphrey, Columbus  
 Jane Hunt, Cleveland  
 Jodie Lynne Hutchison, Streetsboro  
 Nancy Elizabeth Jency, Garfield Heights  
 Karenann Jones, Cuyahoga Falls  
 Andrea Ann Kiep, Fairfield  
 Jackie Eisnagle Kiff, Columbus  
 Debbie L. King, Columbus  
 Rebecca Lynn Kinzel, Milton, W. Va.  
 Amy Kay Kistler, North Canton  
 Tanya Sue Kneisel, Middletown  
 Denise Linn Kretchman, Wooster  
 Margaret Jane Lau, Pickerington  
 Mary Frances Lentz, North Olmsted  
 Loretta Krivanek Long, Lyndhurst  
 Robin Ann Lovell, Davison  
 Maureen Yvonne Maciag, Bay Village

Barbara Jean Mackey, Warren  
 Linda Spielman Main, Worthington  
 Monica Margaret Markarian,  
 Belle Meade, N.J.  
 Anthony Edward Marlin, Antwerp  
 Linda Cheryl Martin, Pickerington  
 Cheryl Ann May, Cleveland  
 Lynne Kay Mayer, Alliance  
 Carol Ann McBurney, Worthington  
 Patricia Joan McCabe, Columbus  
 Susan Elaine McCarthy, Pittsburgh, Pa.  
 Coleen Ann McNamara, Toledo  
 Joyce Bernadette Miller, Newark  
 Loretta Jane Myers, Reynoldsburg  
 Cristy Jo Nishwitz, Warren  
 Nanette Notestine, Bellefontaine  
 Mary Therese O'Brien, Dayton  
 Ruth Aquin O'Brien, Columbus  
 Karen Rosanna Kay Osborne, Columbus  
 Jeanine Marie Oulmet, Columbus  
 Catherine Teruko Oyakawa, Cincinnati  
 Mark Vincent Packard, Columbus  
 Nancy Jane Parkinson, Worthington  
 Karen Joanne Pestrak, Warren  
 Pamela Louise Pfeifer, Columbus  
 David Richard Planitz, Cortland  
 Maricel deLourdes Ponce, Mingo Junction  
 Roanne Lee Porter, Wintersville  
 Ann Marie Poydock, Bedford  
 Debra Ann Ptacek, Lebanon, Ill.  
 Patricia Ann Pultz, Columbus  
 Madelyn Ann Raicevich, Euclid  
 Christine Louise Restifo, Amherst  
 Susan Riffle Riley, Columbus  
 Evie Ann Ritschel, Parma Heights  
 Kim Helen Sawitke, Euclid  
 Kathleen Jane Schipper, Dayton  
 Lois Ann Schipper, Dayton  
 Ellen Kay Seitz, Mentor  
 Jane Ellen Semko, Highland Park, N. J.  
 Sally Shirilla, Campbell  
 Martin Lee Shultz, Bowerston  
 Debra Ann Sikora, St. Clairsville  
 Sandra Sue Simmons, London  
 Sandra Jo Sloey, Mansfield  
 Debra Jean Spencer, Columbus  
 Kimberly Stacey, Columbus  
 Diane Lynn Stoll, North Lawrence  
 Elizabeth Ann Stone, Bellbrook  
 Suzanne Elaine Straits, Millersburg  
 James Lee Sutton, Petersburg, Va.  
 Michael Angelo Tarpoff, Springfield  
 Helen Kaylene Tetting, Gresham, Wis.  
 Becky Ann Thiel, Columbus  
 Diane Allyn Tilus, Mansfield  
 Marla Jean Traunero, Tiffin  
 Theresa S. VanEman, Columbus  
 Karen L. Ventresco, Youngstown  
 Peggy Sue Walker, Columbus  
 Janet Sue Warnock, Fairview Park  
 Molly Bridget Whalen, Columbus  
 Deborah Ann Wine, Rocky River  
 Dorothy Marie Wirtz, Solon  
 Susan Stacey Woerner, Columbus  
 Ann Wolford, Columbus  
 Kimberly Kay Wright, Columbus  
 Patricia Louise Zulliger, Lima

## College of Optometry

Dean: Frederick W. Hebbard

### Doctor of Optometry

Steven Glenn Bailey, Pineville, W. Va.  
 Debra Jean Bakalus, Dayton  
 B.A. (University of Dayton)  
 David Wayne Barnhart, Warren  
 Robert Charles Bevington, Cuyahoga Falls  
 Kent T. Brown, Arlington  
 B.S. (Bowling Green State University)  
 Gary D. Burton, Marion  
 Robert Michael Cherne, Wickliffe  
 Peggy Jean Clark, Paulding  
 James Craig Dally, Bryan  
 Robert Joseph Dittoe, Somerset  
 Gail Ann Fedak, Fairport Harbor  
 Fred Fisch, Columbus  
 Thomas Kevin Flanagan, Youngstown  
 B.S.  
 Rodney Neil Gilliland, Waterford  
 B.A. (Malone College)  
 Robert Denver Good, Brookville  
 Don W. Gunhus, Park River, N. D.  
 B.S., B.S. (University of North Dakota)  
 Debbie Lynn Hettler, Lorain  
 B.S.  
 Jeff K. Hovis, Elmore  
 R. Michael Kabbes, Springfield  
 Mark Frank Kapusta, Seven Hills  
 Timothy Cunningham Karg, Fostoria  
 Paul Daniel Kiesling, Bidwell  
 Brian Kleshinski, Mansfield  
 Dale Michael Koers, Garfield Heights  
 Rex Alden Lutes, Waynesville  
 Russell Hale Mattern, Columbus  
 B.S. (United States Air Force Academy);  
 M.S.  
 Peggy Harpater Maul, Ashland  
 B.A. (Wittenberg University)  
 Stephen Veith Maurer, New Philadelphia  
 B.S.  
 Michael George Miller, Lucas  
 William M. Miller, Lancaster  
 Michael Dale Mortimer, Richfield  
 B.S. (Denison University)  
 Jeffrey J. Neal, Martins Ferry  
 B.S. (Ohio University); M.S.  
 Dale Carl Novak, Amherst  
 Mark David Pifer, Sandusky  
 Lynette Sue Powell, Oregon

Frank David Ptak, Louisville  
B.A. (College of Wooster)  
Jeffrey Dale Rice, Zanesville

Marc Wayne Robboy, Columbus  
B.S.B.A.

Thomas J. Rossi, Akron  
B.S. (University of Akron)

Stephen J. Ruth, Worthington

Michael Robert Schmit, Delphos

Douglas E. Schneider, Ravenna  
B.S. (University of Michigan)

Kirby L. Scullion, Salem

Lynn Curtis Shewmaker, Cincinnati  
B.S. (Marion College)

Christopher Wayne Shoemaker, Lucasville  
B.S.

Ronald Joseph Skuza, Independence

Rodney Vaughn Snow, Montpelier

David William Stempley, Dayton  
B.S. (University of Cincinnati)

Thomas William Voglewede, Columbus  
B.S.M.E. (University of Notre Dame);  
M.B.A. (University of Southern California)

Andreas Marie Walters, Hamilton  
B.A. (Taylor University)

Emery Clark Ward, Middletown

Richard Edward Weisbarth, Fairview Park  
B.S.

Mark Richard Wright, Wellsview  
B.S. (David Lipscomb College)

B.S. (John Carroll University)  
Deborah Lynn Harstine, Akron  
Cynthia Louise Hunter,

West Long Branch, N. J.  
Mary Beth Kanatas, Columbus  
Lori Jo Katz, Lyndhurst  
Steven J. Katz, Cleveland Heights  
Alice Chungwha Kim, Cleveland Heights  
William Steven Kinnaird, Chesterland  
Jeffrey Lynn Kistler, Canton  
Alan Joseph Kover, Newark  
Nancy Ann Kurtzman, Galion  
Kim Michael Laughlin, Sidney  
David Victor Loveday, Houston, Tex.  
Susan Carol Macielak, West Seneca, N. Y.  
B.S. (Allegheny College)

Leslie Louise McGovney, Portsmouth  
Nicholas Brian McMahon, Ironton  
Eric Braden Miller, Elyria  
Gregory Allen Ordway, Oakwood  
MaryAnn Therese Panek, Garfield Heights  
Richard Henry Parrish, II, Coolville  
Susan Margaret Peach, Steubenville  
Jerome Francis Pierson, McDonald  
Chester Paul Porembski, Youngstown  
James Michael Prushing, Trenton  
Nancy Lee Raimonde, Tiltonsville  
Beth Anne Ridgway, Kettering  
Mark Andrew Roberts, Clayton  
Frances Coffey Scono, Washington C. H.  
David Bryan Shaffer, Toledo  
Daniel Joseph Sheridan, Columbus  
Richard Thomas Slenn, Fairview Park  
Steven Bryan Smith, Whitehall  
Kevin John Snyder, Lisbon  
Bruce Alan Thomas, Canton  
Leslie Carol Van Oort, Teaneck, N. J.  
Nancy Carol Vinson, Lebanon  
Teri Lee Weaver, Granville  
Robert Joseph Weber, Fairview Park  
Crystal Ann Woestendiek, Zanesville  
Linda Kay Wurm, Republic

Barbara Forest, Elkins Park, Pa.  
Guinevere Fyffe, Grove City  
Miriam Sue Gold, Cleveland  
Vivian Lenoria Gosha, Cleveland  
Pamela Louise Gouldsberry, Avon Lake  
Patricia Lynn Greenspon, Detroit, Mich.  
James Allen Haley, Columbus  
Gwen Gerber Hall, Columbus  
Frank Ross Hamilton, Columbus  
Evan Louis Harper, Columbus  
Jennifer Crawford Haviland, Marion  
Betty Ann Herring, Columbus  
Jeanne Marie Hersman, Doylestown  
Karen June Hoff, Cincinnati  
Richard Lee Hollon, Mansfield  
Velma Frances Hottle, Cleveland  
Ann M. Huelsman, St. Henry  
Suzanne Elaine Irwin, Columbus  
Cheryl Sydney Jacobs, Spring Valley, N. Y.  
Valerie Danese Johnson,

Warrensview Heights  
Lauren Ann Jones, Boardman  
Judy Thornsberry Jordan, Mansfield  
Deborah Anne Kalman, Columbus  
Karen A. Kelly, Columbus  
Theodore Robert Kern, Urbana  
Elizabeth Mary Kuehn, Medina  
Karen Michele Lopper, Columbus  
Jacquelyn Marchetto, Columbus  
Theresa Lynn Mazzone, Westerville  
Staci Lynne McDaniel, Columbus  
Vicki Lynn McGhee, Gallipolis  
Mark Alan Metzger, New Knoxville  
Irene Evelyn Miller, Columbus  
Marcus Henry Miller, Warren  
Janine E. Moreau, Columbus  
Lynn Ellen Morris, Chillicothe  
Rose Koki Munywoki, Nairobi, Kenya  
Pamela Ann Murray, Columbus  
Kathi A. Oklok, Upper Sandusky  
Christina Overly, Kingston  
Anne A. Payne, Aurora, Colo.  
Karen Kay Pendrey, Fremont  
Marilyn Phelps, Cleveland  
Joann May Pollock, Madison  
Cheryl Susan Prosser, Mt. Vernon  
Elaine Louise Puckett, Washington C. H.  
Pamela Kaye Purdom, Xenia  
Harry Charles Quesinberry, Troy  
Trina Lorraine Reagan, Cleveland  
Barbara Buker Reed, Columbus  
Reva S. Remer, Toledo  
Allison Louise Rogge, Centerville  
Laura Lynn Rolls, Berea  
Nancy Louise Rowe, Rocky River  
Cathy Lynn Royster, Circleville  
Elisa Auburn Ruh, Columbus  
Lisa Leanne Sadler, Westerville  
Jamie Kay Schmerbeck, Clyde  
Christopher John Shaker, Niles  
Jamison L. Shower, Lima  
Diana Sue Sloan, Stryker  
Sharon Kay Spencer,  
New Martinsville, W. Va.  
Nancy Louise Sutton, Fort Lee, Va.  
Cathy Ellen Tanenbaum, Columbus  
Charlotte Ann Terhune, Marion, Ind.  
Maureen Carol Tierney, Columbus  
Dan Alan Toth, Lexington  
Carol Ann Upchurch, Circleville  
Linda J. Urig, Avon Lake  
Kimberly Ann Walker, Dayton  
N. Michael Walters, Delaware  
Barbara Susan Weitman,  
University Heights  
Sheila Ann Wiens, Deshler  
Wendy Louise Williams, Canal Winchester  
Wayne Anthony Willis, Urbancrest  
Steven Gregg Wills, Columbus

## College of Pharmacy

Dean: Albert H. Soloway

### Bachelor of Science in Pharmacy

Richard Lee Arends, Columbus  
Omur Aslanbayrak, Columbus  
Steven Michael Babineaux, Springfield  
Karen Folden Balcerzak, Gallipolis  
Robert Stanley Balcerzak, Solon  
James Edward Ballenger, II, London  
Charles David Benzo, Steubenville  
James Brian Bird, Dover  
Stephen Wayne Birdwell, St. Marys  
Carol Joanne Braun, Cincinnati  
Anne Louise Burns, Salem  
Herbert Bradford Carson, Coolville  
Antoinette Marie Catena, Columbus  
Catherine Ann Cech, Wickliffe  
Mary Jane Chambers, Coshocton  
Helen Haywon Cho, Columbus  
B.S.  
Richard Alan Couch, Pomeroy  
Sharon Ruth Darnovsky, Chagrin Falls  
B.S. (Ohio University)  
Brad Edwin Daugherty, Warren  
Gail Ann Dean, Barborton  
Kathleen Marie Emborsky, Youngstown  
John Gary Fasset, Ashtabula  
James Russell Flanick, Pittsburgh, Pa.  
Steven Allan Goldblatt, Cleveland Heights  
Thomas Anthony Gualtieri, South Euclid

## College of Social Work

Dean: Robert O. Washington

### Bachelor of Science in Social Welfare

Linda Ruth Anderson, Elyria  
Molly Jane Ansel, Carroll  
Mary Lou Bates, Senecaville  
Jacquelyn Ann Bellar, Columbus  
Lynn Kathleen Biles, Warrensville Heights  
Mary Geneva Bishop, Gallon  
Roger L. Bolen, Williamson, W. Va.  
Karen Anne Boyle, Bedford  
Martha M. Brooks, DeLand, Fla.  
Byron Duane Brown, Columbus  
Darlene Bryant, Akron  
Joanne Terese Cherveny, Cuyahoga Falls  
Tammy Ann Collins, Bellefontaine  
Diane Elizabeth Cowdrey, Dallas, Tex.  
Deborah Jean Cox, Knoxville, Tenn.  
Brenda Mae Crim, Galion  
Carol Therese Curtin, Springfield  
Cynthia Kay DeGirolamo, Alliance  
Susan Lynn DelBalso, Richmond Heights  
Jenell Louise DeMatteo, Fairborn  
Dale Ann Devers, Richwood  
Linda Kay Dirhkop, Yellow Springs  
Thomas Jerome Endres, Westerville  
Nina Dawn Estner, Pittsburgh, Pa.  
Beverly Sue Fischvogt, Cincinnati  
Jacquie Lynn Foos, Huron

Constance Woodworth, Dayton  
James Warren Wutrich, Cleveland

## College of Veterinary Medicine

Dean: C. Roger Smith

### Doctor of Veterinary Medicine

- Stephen Paul Abfall, Akron  
B.S.
- John Daniel Adamson, Warren, Mich.  
B.S.
- Thomas Joseph Armitage, Warren  
B.S.
- Melvyn Kim Aylor, Hebron, Ky.  
B.S. (University of Kentucky)
- John Christopher Baker, Warren  
B.S., M.Sc.
- Barbara Dean Brewer, Columbus  
B.S., (Marietta College) M.A.
- Jennifer Anne Burris, Bexley  
B.S.
- Donald Lee Burton, Loveland  
B.S., M.Sc.
- Donna Few Cauble, Asheville N.C.  
B.S. (Western Carolina University)
- Farol Lyn Chanan, Cleveland Heights  
B.A. (Nasson College)
- Craig Allan Clouse, Tiffin  
B.S.
- Deborah Ann Colker, Huntington, W. Va.  
B.A. (Brandeis University)
- Kevin Donald Corcoran, Chillicothe  
B.S., M.Sc.
- Mary Ingrid Damicone, Ravenna  
B.S.
- Steven Elliot Danis, Independence  
B.A. (Denison University)
- Donald Edward Davis, Cary, N. C.  
B.S. (North Carolina State University)
- Charles Craig DeMuth, Orient  
B.S. (Cornell University)
- James Stanhope Dittoe, Cincinnati
- Rebecca Mary Dunton, Urbana  
B.S.
- Bonnie Sue Faust, Cincinnati  
B.S.
- Kenneth Howard Fein, East Orange, N. J.  
B.S. (New York University); M.Sc.
- Mark Richard Finkler, Akron  
B.A.
- John Michael Florence, Louisville, Ky.
- Faith Carole Flower, Oxford  
B.S.
- Elizabeth Jean Fultz, Middleport  
B.A. (Capital University)
- Peter Warren Gasper, Cincinnati  
B.A. (Park College)
- Jeanette Patricia Gibbons, Canton  
B.A. (Malone College)
- Lee Alan Gibbons, Oxon Hill, Md.  
B.S. (University of Maryland)
- Elisabeth Jeanne Giedt, Troy  
B.S.
- Jerome Mark Gigliotti, Vermilion  
B.S.
- William Taylor Goldsmith, Akron  
B.S. (Miami University)
- Marvin Alan Greenberg, University Heights  
B.S.
- Deborah Jean Guyot, Columbus  
B.A., (Kalamazoo College) B.S.
- Sarah Rose Haddock, Mentor  
A.B. (Miami University)
- John Patrick Hale, Batavia  
B.S.
- Patricia Katherine Hannegan, Mt. Vernon  
B.A. (Kenyon College)
- Norma Jean Fuerst Harlan, Winchester  
B.S.
- Richard Hampson Harlow, Columbus  
B.S. (Saint Lawrence University)
- Sharon Elaine Harmon, Keyser, W. Va.  
A.A., B.S. (West Virginia University)
- Lorraine Shacklett Harper, Worthington  
B.S., M.Sc.
- Ellen Little Harris, Norwood  
B.S. (University of Cincinnati)
- Linda Sue Hattery, Middletown  
B.S.
- Christopher Shawn Hayhow, Chillicothe  
B.S.
- Nancy Boggs Heinold, Springfield
- David Beardsley Hoke, Elkins, N.H.  
B.S. (University of New Hampshire)
- William Dingleline Hueston, Harrisonburg, Va.  
B.A. (University of Virginia)
- Jeffrey Otto Hunt, Ravenna  
B.S. (Kent State University)
- Colleen Joyce Huntington, Hamilton
- Gilbert Jean Jacobs, Bergenfield, N. J.  
B.S.
- Evan Bruce Janovitz, Shaker Heights  
B.S.
- Patricia Slone Janovitz, Cincinnati  
B.A. (College of Wooster)
- Jacqueline Joy Jenkins, Arlington, Va.  
B.A. (University of Virginia)
- Anne Louise Johnson, Charlottesville, Va.  
B.A. (University of New Hampshire);  
M.Sc. (Florida State University)
- Sharon Louise Johnson, Beaver Creek  
B.A. (Susquehanna University);  
M.N.S. (Cornell University)
- Louise Hannah Jones, Madison, N. J.  
B.S.
- Laura Jane Joseph, Utica  
B.S.
- Nanette Ruth Kleinman, Cleveland Heights  
B.S. (Cleveland State University)
- Michael Derrill Kline, Hicksville  
B.S.
- Mary Kathleen Kral, Parma Heights  
B.S.
- Justin Gardner Krause, Fairborn
- William David Krawczyn, Middleport  
B.S.
- Dennis Anthony Kulasa, Elyria  
B.S.
- David Edward Kunselman,  
B.S. (United States Naval Academy);  
M.Sc.
- John Michael Lies, Cincinnati
- John Wesley Love, Vermilion  
B.S.
- William Raymond Lukens, Cincinnati
- Laura Jean Lyndes, Oberlin  
B.S. (Kent State University)
- Michael Eugene Maki, New Ipswich, N. H.  
B.S. (University of New Hampshire)
- Larry Dean Markley, Orrville  
B.S.
- Robert John Maro, Youngstown  
B.S.
- Michael James Marrone, Rocky River  
B.S. (University of Georgia)
- Kenneth Wayne Martin, Dresden
- Richard Charles Mather, II, Cincinnati  
B.S.
- Janet Irene McKim, Dumont, N. J.  
B.S. (Rutgers University)
- Anita Maria Migday, Kettering  
B.S., M.Sc.
- Karen Kae Miller, Cincinnati  
B.S. (Michigan State University)
- Walter Robert Miller, Jr., Middletown  
B.S.
- Jeri F. Mills, Columbus
- John David Mitko, Linden, N.J.  
B.S. (Virginia Polytechnic Institute and  
State University)
- Paula D. Modransky, Bloomington  
B.S.
- Craig Joseph Mohnack, Parma  
B.S.
- William Ronald Moodispaw, St. Clairsville  
B.S. (Ohio University)
- John Anthony Murphy, Cleveland  
B.S. (Colorado State University)
- Gregory Albert Noll, Lancaster  
B.S.
- Gregory Lewis Parham, Columbus  
B.S.
- Michael Thomas Parker, Xenia  
B.S.
- Jane Ann Pekarek, Cleveland  
B.S.



Robert Gene Perry, Bowling Green, Ky.  
 Anne Elizabeth Philpot, Paulding  
 Wendy Buckler Powell,  
 West Friendship, Md.  
 B.S. (University of Maryland)  
 Philip Mather Price, Bratenahl  
 B.S.  
 Richard S. Ringler, Columbus  
 B.S.  
 Gregory Allen Roadruck, Coshocton  
 B.S.  
 Delila Louise Robinson, Roseboro, N. C.  
 B.S. (North Carolina Agricultural and  
 Technical State University)  
 Jan Lee Rubenstein, Chevy Chase, Md.  
 Carol Ann Schmidt, Cuyahoga Falls  
 Joseph Michael Schmidt, North Lima  
 James Gale Schmunk, Antwerp  
 B.S., M.Sc. (Bowling Green State  
 University)  
 Jennifer Hummell Schoenfeld, Brice  
 B.S.  
 Mary Jean Schroth, Tiffin  
 B.A. (Walsh College)  
 Craig Frederick Shannon, Cincinnati  
 Edward John Sheehan, Jr., Somerdale N.J.  
 B.S. (St. Joseph's College)  
 Mary Jo Shepherd, Shelby  
 B.S.  
 Harriet Hounen Shields, Fairview, N.C.  
 B.S. (North Carolina State University)  
 Brian Lawrence Silbon, Iselin, N. J.  
 B.S. (Cook College, Rutgers)  
 Corey Walter Smith, Columbus  
 B.S. (Rutgers University)  
 David Kiser Smith, Beloit  
 B.S.  
 Lesley Lynn Smith, Center Harbor, N. H.  
 B.S. (University of New Hampshire)  
 Steven Marc Solomon, Baltimore, Md.  
 B.S. (University of Maryland)  
 Richard Alan Solwitz, Beachwood  
 B.A.  
 Thomas Mitchell Spaulding,  
 Hustonville, Ky.  
 B.S. (Eastern Kentucky University)  
 Donna Kaye Stafford, Avon Lake  
 A.B. (Miami University)  
 Robert Harvey Streitel, Columbus  
 B.S. (State University of New York-  
 Syracuse); M.Sc.  
 James Edward Sullivan, Avon  
 B.S.  
 John William Swingle, Philo  
 B.A. (Wittenberg University)  
 Jeanne Denise Talbott, Athens  
 B.S. (Ohio University)  
 Terry L. Taylor, Columbus  
 B.S.  
 Thomas Lance Tharp, Hilliard

Howard Dean Todd, Salem  
 B.S. (University of Cincinnati)  
 Melissa Gale Trogdon, Perrysburg  
 Jacqueline Anne Vernot, Yellow Springs  
 Elizabeth Fultz Weber, Middleport  
 B.A. (Capital University)  
 James Michael Weber, Jr., Dover, Ky.  
 B.Gen.Studies (University of Kentucky)  
 Michael Kent Weisel, Columbus  
 B.S., M.Sc.  
 Jonathan McKim White, Columbus  
 B.A. (Miami University)  
 Linda Beatty Wiley, Cleveland  
 B.S. (Cleveland State University)  
 Richard Eugene Wiley, Canfield  
 B.S.  
 Peggy Jane Williamson, Delaware  
 B.A. (Ohio Wesleyan University)  
 Steven Craig Wilson, Winston-Salem, N. C.  
 William Yamokoski, Columbus  
 B.S. (United States Air Force Academy)  
 Ruth Christine Zorn, Columbus  
 B.S.

## Degrees offered by the University

A.A./Associate of Arts  
 A.A.S./Associate in Applied Science  
 B.A./Bachelor of Arts  
 B.Jour./Bachelor of Arts in Journalism  
 B.Art Ed./Bachelor of Art Education  
 B.F.A./Bachelor of Fine Arts  
 B.Mus./Bachelor of Music  
 B.Mus.Ed./Bachelor of Music Education  
 B.S./Bachelor of Science  
 B.S.A.A.E./Bachelor of Science in Aeronautical and  
 Astronautical Engineering  
 B.S.Agr./Bachelor of Science in Agriculture  
 B.S.Agr.E./Bachelor of Science in Agricultural  
 Engineering  
 B.S.Alli.Hlth.Prof./Bachelor of Science in Allied  
 Health Professions  
 B.S.A.R./Bachelor of Science in Audio Recording  
 B.S.Arch./Bachelor of Science in Architecture  
 B.S.Bus.Adm./Bachelor of Science in Business  
 Administration  
 B.S.C.E./Bachelor of Science in Civil Engineering  
 B.S.Cer.E./Bachelor of Science in Ceramic  
 Engineering  
 B.S.Ch.E./Bachelor of Science in Chemical  
 Engineering  
 B.S.C.I.S./Bachelor of Science in Computer and  
 Information Science  
 B.S.Ed./Bachelor of Science in Education  
 B.S.E.E./Bachelor of Science in Electrical  
 Engineering  
 B.S.E.P./Bachelor of Science in Engineering Physics  
 B.S.H.E./Bachelor of Science in Home Economics  
 B.S.Food Sc./Bachelor of Science in Food Science  
 B.S.Food Tech./Bachelor of Science in Food  
 Technology  
 B.S.Ind.Des./Bachelor of Science in Industrial  
 Design  
 B.S.I.S.E./Bachelor of Science in Industrial and  
 Systems Engineering  
 B.S.Land.Arch./Bachelor of Science in Landscape  
 Architecture  
 B.S.L.H.R./Bachelor of Science in Labor and  
 Human Resources  
 B.S.M.E./Bachelor of Science in Mechanical  
 Engineering  
 B.S.Met.E./Bachelor of Science in Metallurgical  
 Engineering  
 B.S.Mng.Engr./Bachelor of Science in Mining  
 Engineering  
 B.S.Nat.Res./Bachelor of Science in Natural  
 Resources  
 B.S.Nurs./Bachelor of Science in Nursing  
 B.S.Nutrition/Bachelor of Science in Nutrition  
 B.S.Pharm./Bachelor of Science in Pharmacy  
 B.S.Rest.Mgt./Bachelor of Science in Restaurant  
 Management  
 B.S.Soc.Wel./Bachelor of Science in Social Welfare  
 B.S.Surv./Bachelor of Science in Surveying  
 B.S.W.E./Bachelor of Science in Welding  
 Engineering  
 C.E./Civil Engineer

Cert.Grad.Dent.Hyg./Certificate of Graduate Dental  
 Hygienist  
 Cert.Nurs.Anest./Certificate of Nurse Anesthetist  
 Cert.Post.Bacc.Circ.Tech./Certificate of Post  
 Baccalaureate Circulation Technologist  
 Cert.Post.Bacc.Med.Illus./Certificate of Post  
 Baccalaureate Medical Illustrator  
 Cert.Post.Bacc.Med.Tech./Certificate of Post  
 Baccalaureate Medical Technologist  
 Cert.Sp1.Edu1.Adm./Certificate of Specialist in  
 Educational Administration  
 Cert.Sp1.L.Am.S./Certificate of Specialist in  
 Latin American Area Studies  
 Cert.Sp1.R.A.S./Certificate of Specialist in  
 Russian Area Studies  
 Cert.Sp1.T.R.S.S./Certificate of Specialist in  
 Translation from the Russian Social Sciences  
 Cert.Stud.East Asia/Certificate of Study in East  
 Asian Studies  
 Cert.Stud.Latin Am./Certificate of Study in Latin  
 American Studies  
 Cert.Stud.Med.Commun./Certificate of Study in  
 Medical Communications  
 Cert.Stud.Med.Diet./Certificate of Study in  
 Medical Dietetics  
 Cert.Stud.Med.Rec.Adm./Certificate of Study in  
 Medical Record Administration  
 Cert.Stud.Mid.East/Certificate of Study in Middle  
 East Studies  
 Cert.Stud.Nurs.Anest./Certificate of Study in Nurse  
 Anesthesia  
 Cert.Stud.Occ.Ther./Certificate of Study in  
 Occupational Therapy  
 Cert.Stud.Phys.Ther./Certificate of Study in Physical  
 Therapy  
 Cert.Stud.Rad.Tech./Certificate of Study in  
 Radiologic Technology  
 Cert.Stud.Resp.Tech./Certificate of Study in  
 Respiratory Technology  
 Cert.Stud.Slav. & E.Eur./Certificate of Study in  
 Slavic and East European Studies  
 Cert.Stud.V.M./Certificate of Study in Veterinary  
 Medicine  
 Cert.Tesol/Certificate for Teaching English to  
 Speakers of Other Languages (Tesol)  
 D.A./Doctor of Arts  
 D.D.S./Doctor of Dental Surgery  
 D.M.A./Doctor of Musical Arts  
 D.V.M./Doctor of Veterinary Medicine  
 E.E./Electrical Engineer  
 I.E./Industrial Engineer  
 J.D./Juris Doctor  
 M.A./Master of Arts  
 M.Acc./Master of Accounting  
 M.Appl.Stat./Master of Applied Statistics  
 M.Arch./Master of Architecture  
 M.B.A./Master of Business Administration  
 M.C.P./Master of City Planning  
 M.C.R.P./Master of City and Regional Planning  
 M.D./Doctor of Medicine  
 M.E./Mechanical Engineer  
 M.F.A./Master of Fine Arts  
 M.H.A./Master of Health Administration  
 M.L.H.R./Master of Labor and Human Resources  
 M.Land.Arch./Master of Landscape Architecture  
 M.Mus./Master of Music  
 M.P.A./Master of Public Administration  
 M.S./Master of Science  
 M.S.Pub.Admin./Master of Science in Public  
 Administration  
 M.S.W./Master of Social Work  
 O.D./Doctor of Optometry  
 Ph.D./Doctor of Philosophy

# Graduates with Honors

## Summa Cum Laude

Cheryl Clay Babcock  
James Edward Ballenger, II  
Lynnette Ann Barnes  
Ruth Ellen Barr  
Robert Thomas Biedron  
Craig Allen Blue  
Kathy L. Bowman  
Jennifer Anne Burris  
Patrick Joseph Callahan  
Christopher Cannell  
Kathryn Anne Cardaci  
David Brian Carwile  
Nancy Ellen Childress  
Eun Won Cho  
Richard Alan Couch  
Tasia Marie Coury  
Diane Dapsis  
Linda Kathryn Davis  
James Calhoun Delong  
William Robert Dempwolf  
Janet Louise Deringer, RN  
David Scott Downie  
Debby Marie Dunlap  
Martha Ann Dunn  
Kathleen Marie Emborsky  
Susan Eleanor Forchheimer  
Mark Andrew Freeman  
Wendy Alison Fulton  
Nancy Ann Giunto  
Robert A. Glatz  
Lewis Howard Goldfarb  
Michele Ileen Goodman  
Julie Ann Graber  
Thomas Edward Graham  
Keith Gordon Gruber  
Stephen Guidos  
Robert Leo Guinan  
Brenda Boyd Gulliford  
Alan Charles Gushing  
Mary Elizabeth Hanover  
Laurence Allen Harlan  
David Alan Heilman  
Marsha Lynn Helmer  
Teresa Lynne Henley  
William Lester Hudson  
Roy O. Inouye  
Pamela Ann Jaffke  
Jacqueline Joy Jenkins  
Robin Gay Jenkins  
Anne Louise Johnson  
Daniel Jay Johnson  
Kelly James Kelleher  
Debbie L. King  
Jacqueline Lee Kocar  
Paul D. Kochanowski  
Kathy Jo Kolich  
Denice Linn Kretzman  
Aruna Narain Lalwaney  
Beverly Kaye Lehr  
Janice Eileen Lindner  
Lisa Ann Malloy  
Alana Goldie Marietta  
John Willard McCallister  
Elizabeth Ann McMahon  
Kathleen Lynn Nesser  
Timothy Mahlon Offenberger  
Michael Miller Ott  
Nanette Lynn Paden  
Cheryl Dalene Paschall  
Eric Braden Paul  
Anne A. Payne  
Toby K. Petticrew  
Jeanne Nordheim Pfister  
Elaine Louise Puckett

Michelle Veronique Quesada  
Elaine Ragazzo  
Roberta Anne Ralston  
Timothy Brian Raso  
Thomas P. Reed  
Nancy Kathleen Reger  
Nancy Jo Rinehart  
Richard Edward Scheetz, Jr.  
Mike Schmuck  
Fay Esther Schneider  
Brenda Joann Schroeder  
John Bales Schorling  
Daniel Dreese Sedmak  
George Meade Shaw  
Susan Koerner Sleesman  
Stephen Scott Snedden  
Julie Ellen Snider  
Randy S. Snyder  
Tracy Lynn Stewart  
Walter Stoll  
Becky Ann Thiel  
Michael W. Trickey  
Melissa Gale Trogdon  
David George Vutetakis  
Cynthia Webb  
Chris Paul Williams  
Nancy Lynn Wolfling

**Summa Cum Laude with Distinction**  
John Robert Bogart

**Summa Cum Laude with Distinction in  
Agricultural Economics**  
Sharon B. Stackhouse

**Summa Cum Laude with Distinction in  
Animal Science**  
Andrew Mark Purdy

**Summa Cum Laude with Distinction in  
Dairy Science**  
Carolyn Diane Eselgroth

**Summa Cum Laude with Distinction in  
Environmental Interpretation**  
Tamara Lynn Nelson  
Nancy Jean Weis

**Summa Cum Laude with Distinction in  
Psychology**  
Dirk Douglas Steiner

**Summa Cum Laude with Distinction in  
Respiratory Technology**  
Deryl Edwin Gulliford

**Summa Cum Laude with Distinction in  
Wildlife Management**  
Diana Dorothy Morawetz

**Summa Cum Laude with Distinction in  
Geology and Mineralogy and  
Honors in the Liberal Arts**  
Richard Blaine Alley

**Summa Cum Laude with Honors in  
the Liberal Arts**  
Teresa Whitenack Lewis

## Cum Laude

Elizabeth A. Adams  
Gary James Alexander  
Randall Carlton Alger  
Roy Harold Amacher  
Steven Louis Anderson  
Teresa Vos Avci  
Madeleine Jean Andrews  
April Marie Atwood

Sharon Kay Babbert  
Anne Marie Baker  
Jane Marie Balzer  
Paul Scott Bankert  
Robert A. Barach  
Carol Marie Bartell  
Jeffrey Wayne Basch  
Margaret Ann Baumgardner  
Michael F. Baus  
Mary Ellen Beardmore  
Gregory John Beck  
Denise P. Beilstein  
Terry Wayne Bell  
Joyce Brinkman Best  
Bonnie K. Bierbaum  
Christopher Reid Blausner  
Amy Jo Bowersox  
Nancy Jo Gelfius Braden  
Carol Joanne Braun  
Kathryn Lee Brinker  
Elizabeth Ann Brumfield  
John Bruno  
Gerald Edward Brust  
William Buckley  
Richard William Burke  
Mark William Burnett  
Jefferson Mark Burroughs  
Gary D. Burton  
Paul Robert Butler  
Jill Louise Calame  
Michael Edward Callahan  
Cathleen Carney  
Herbert Bradford Carson  
David William Carter  
Tamara Jean Carter  
Catherine Ann Cech  
Julie Lynn Chandler  
Nancy Ellen Childress  
Kathleen Jean Clark  
John Watson Cochran  
George Sarkis Coury  
Jodie Anne Coventry  
Kathleen Susan Cox  
Robin Dale Cox  
Michael Wall Currie  
Richard Daniels  
Daryl Foster Daugherty  
Robert Brent Dennis  
Andrew Bruce Derrrow  
Diane Placke Dierckman  
Linda Kay Dhrkop  
Laura Suzanne Dill  
David Neal Diner  
Robert Joseph Drexler  
Donna Lee Dunsworth  
Fred David Ehrman  
Mark Christopher Ely  
Diana Ferich  
Robert Ewing Filer  
Dennis Christopher Flanagan  
Faith Carole Flower  
Susan Edwards Foster  
Kathleen Marie Fox  
Harold Charles Franley, Jr.  
Cristy Ann Freese  
Marc Terrence Fried  
Timothy Alder Frye  
Mark William Furlong  
Jean Geib  
Cynthia Louise Geiger  
Lee Alan Gibbons  
Patricia Lynn Greenspon  
Cindy Lee Grines  
Cynthia Ellen Groves  
Roy Lynn Gumsolve  
Judy Lynn Haurath  
David Nye Havlin  
Kimberly Lou Hazelwood  
Aimee Louise Hedrick  
David Edward Heffner

Paul Heilman  
 John Michael Hempfling  
 Robert Herbert  
 John Mark Hernstein  
 LuAn Hill  
 Nancy Thomas Himmer  
 Jay Scott Hollinger  
 Patricia Ann Hooker  
 Lynn Louise Hubach  
 Douglas Dean Hunter  
 John Mark Hyde  
 Craig Lee Hyser  
 Mary Ellen Hooley  
 James Richard Jackson, Jr.  
 Gilbert Jean Jacobs  
 Evan Bruce Janovitz  
 Agnes Regina Jochenning  
 Judy Thornsberry Jordan  
 Judith Lyn Justice  
 Hermann Walter Kaebnick  
 Kaye Louise Kafer  
 Debra Lu Kauffman  
 Sara Ann Kendall  
 Marle Leslie Kennedy, Jr.  
 Cynthia Lynn King  
 Nanette Ruth Kleinman  
 Kathleen Jane Kline  
 Roger Loring Knight  
 Joel Richert Koch  
 Donald Joseph Krock  
 Linda Gail Krouse  
 Keith Andrew Lane  
 Cynthia Ann Lashinger  
 Richard Bradley Lehman  
 Carole Kwang Lin  
 Sarah Louise Lockard  
 David Dale Long  
 Leslie Jean Loomis  
 Karen Michele Lopper  
 Marcia A. Mack  
 Scott Mitchell Mandel  
 David John Marschall  
 Marcia Lynn Mauter  
 Lynne Kay Mayer  
 Laurie Kay McCauley  
 Mark David Mellman  
 Margaret Mary Snyder Mellor  
 Jetta Lynn Mencer  
 Mark Richard Miller  
 Randy Robert Miller  
 Valerie Ann Miller  
 Michael Mark Milner  
 Scott Edward Miner  
 Patrick Gerard Moeller  
 William Ronald Moodispaw  
 Nancy Duncan Montague  
 Janine E. Moreau  
 Mary Anne Morter  
 Pamela Ann Murray  
 Susan Schuyler Nelson  
 Molly Jane Norris  
 Lynn Marie Nuesse  
 Kim Sue Nutter  
 Philip Donald Offenbacher  
 Timothy Mahlon Offenberger  
 Karen Rosanna Kaye Osborne  
 Thomas Gerard Overmeyer  
 Mark Vincent Packard  
 Timothy Ignatius Panzica  
 Susan Elaine Partlow  
 Cheryl Dalene Paschall  
 Andrew Valentine Pasholk  
 Dean Arthur Pfirman  
 Margaret Pierce  
 Ina Pogos  
 Susan Lynn Portz  
 Virginia Jean Powell  
 Ann Marie Poydock

Gary Robert Prok  
 Jeffrey Boone Purvis  
 Daniel Joseph Ramsey  
 Mohan Kandarpa Rao  
 Shelley Kay Reese  
 Jill Lynn Reineck  
 Eric Alan Rieve  
 Sherry Nance Riley  
 Reva S. Remer  
 Richard S. Ringler  
 Edward William Rogers  
 Rebecca Renee Root  
 Peter Arden Ropp  
 Thomas J. Rossi  
 John Robert Roth  
 Mary Ann Rozum  
 Lisa Leanne Sadler  
 Jayne Ellen Sage  
 Ronald Louis Sauer  
 James Arthur Schmitz  
 Frances Coffey Scono  
 Patricia Ann Seitz  
 Donna Jean Sexton  
 Lorraine Harper Shacklett  
 James Sheets  
 Kim Louise Shelley  
 Harriet Houren Shields  
 Maribeth Lee Shreves  
 Ellen Mae Silva  
 Timothy Eugene Simmons  
 Steven Allen Smalley  
 Nancy Ann Smaltz  
 Rachel Marie Smith  
 Steven Bryan Smith  
 Valerie Kay Smith  
 Cynthia Lee Snavelly  
 Carol Sampsel Spahlinger  
 Belinda Kay Spohn  
 Tamara Ann Squire  
 Leonard William Stauffenger  
 John Robert Stechschulte  
 Rodney Lynn Stephan  
 Mark Stephens Stephenoff  
 Lisa Ann Stillings  
 Hugh Richard Storer  
 Michelle Robin Stover  
 Wayne Gordon Stuber  
 Martin James Sullivan  
 Michael Joseph Sullivan  
 Jeanne Denise Talbott  
 Carolyn Ann Tauber  
 Barbara Isabella Taylor  
 Barry Michael Taylor  
 Cynthia Sue Taylor  
 Deborah Gaye Taylor  
 David Kevin Temple  
 David Drew Toben  
 David Lancaster Tolley  
 Mary Lou Trunick  
 Cynthia Louise Tulisak  
 Constance Sue Tully  
 Laura Lee Turner  
 Joel Edwin Urbany  
 Leslie Carol Van Oort  
 Jacqueline Anne Vernot  
 Marcia Jane Vette  
 Thomas William Voglewede  
 Elizabeth Ann Vollmer  
 Elaine Beth Voorhis  
 N. Michael Walters  
 Debra Sue Warburton  
 Alan Jon Warner  
 Julia Denise Weaver  
 Arthur Aaron Weisman  
 Steven Philip Weiss  
 Melissa Ann Welch  
 Stanley Kent Weldy  
 Reed Westervelt

Sharon Kay Wetzel  
 Denise Vickie Weyl  
 Anne Marie Whelan  
 Donald Lee White  
 Jonathan McKim White  
 Bernard Julius Wilker  
 Mark Eric Williams  
 Peggy Jane Williamson  
 Lisa Anne Willoughby  
 Randy Eugene Wilson  
 Scott Edward Wilson  
 Deborah Ann Wine  
 Ruth Rifka Winter  
 Nancy Lynn Wolfing  
 Cheryl Jean Wolber  
 Jeffrey Palmer Yoest  
 Harry Michael Yokum III  
 Laura Rae Young  
 Miriam Young  
 Lynn Ann Yut  
 Diana Meiring Zitter  
 Mary Margaret Zorko

Cum Laude with Distinction  
 Dave Forest Parson  
 Roger Edwin Stout

Cum Laude with Distinction in  
 Agricultural Economics  
 John Allen Van Sickle

Cum Laude with Distinction in  
 Agricultural Education and Horticulture  
 Theresa Ann Kline

Cum Laude with Distinction in  
 Animal Science  
 Nancy Joyce Hill

Cum Laude with Distinction in Astronomy  
 John Franklin Scott

Cum Laude with Distinction in Chemistry  
 George H. Spies

Cum Laude with Distinction in Entomology  
 Bruce Wayne Triplehorn

Cum Laude with Distinction in Horticulture  
 Michael Scott Smith

Cum Laude with Distinction in Music  
 Paul Robert Laird

Cum Laude with Distinction in  
 Natural Resources Development  
 Sandra Lee Mackey

Cum Laude with Distinction in  
 Economics and with Honors in the  
 Liberal Arts  
 Mark Rosenstein

Cum Laude with Distinction in  
 Linguistics and with Honors  
 in the Liberal Arts  
 Timothy James Dawe

Cum Laude with Honors in the Liberal Arts  
 James Lawrence Bighouse  
 Michael Gfoeller  
 Sonja Maria Haller  
 Steven Douglas Hinkle  
 Susan Jane Kugel  
 Sahba E. Ma'Ani  
 Michael Dean McGinnis  
 Corinne Idell Miller  
 James David Pawlik  
 Christopher Alan Slapak

**With Distinction**  
Julie Ann Graber  
David Allen Ksienski  
Kay Ellen Wetterstroem

**With Distinction in Agricultural Economics**  
Jodie Lee Stearns

**With Distinction in Animal Science**  
Dianne Carolyn Eddie  
Michael Louis Radvansky

**With Distinction in Animal Science  
and Agricultural Education**  
Carla Jeanne Tonne

**With Distinction in Anthropology**  
Nathan Edward Bender

**With Distinction in English**  
John Robert Spring

**With Distinction in Environmental  
Interpretation**  
Francis Martin Brockmeyer, Jr.

**With Distinction in Forest Biology**  
Kenneth Alan Joehlin

**With Distinction in Forest Industries  
Management**  
Edward Alan Armbruster

**With Distinction in Horticulture**  
Thomas Leslie Prince

**With Distinction in Medieval and  
Renaissance Studies**  
Susan Christine Lenz

**With Distinction in Natural Resources  
Development**  
Julia Lynn Belli

**With Distinction in Psychology**  
Gregory Alan Archer  
John M. Manos

**With Distinction in Respiratory Technology**  
Gary Martin Ansel

**With Distinction in Biochemistry  
With Honors in the Liberal Arts**  
Amanda Janice Muench

**With Distinction in English  
With Honors in the Liberal Arts**  
Barbara H. Boring

**With Distinction in Geology and  
Mineralogy and With Honors in the  
Liberal Arts**  
Cynthia A. Richardson  
Michael Aaron Rosen

**With Distinction in History and  
With Honors in the Liberal Arts**  
David Irwin Schiff

**With Distinction in Philosophy and  
With Honors in the Liberal Arts**  
Samuel Robert Starr

**With Distinction in Physics and  
With Honors in the Liberal Arts**  
Robert Joseph Taylor

**With Distinction in Psychology and  
With Honors in the Liberal Arts**  
Freeman Lowell Clark

**With Honors in the Liberal Arts**  
Sherron C. Bailey  
Terri Ellen Borkan  
Mark Charles Brookes  
Nancy Jane Decker  
Susan Lynn Einsel  
Marcy Beth Gerrard  
Diane Luteran  
Patrick J. Pascarella  
Mark Julius Pellegrino  
Jay Martin Sadler  
Dana Karl Schirtzinger  
Linda Carol Starr

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND FIFTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 12, 1980

The Board of Trustees met at its regular monthly meeting on Thursday, June 12, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Chester Devenow, Chairman, Patricia D. James, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, and Leonard J. Immke.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

Mr. Devenow introduced the new member of the Board:

I would like to introduce Mr. Leonard J. Immke, Columbus, Ohio, whose appointment was announced by Governor James A. Rhodes on May 13, 1980, for the term beginning May 14, 1980 and ending May 13, 1989, to succeed Dr. Howard D. Sirak, whose term expired.

Mr. Immke, who is President and General Manager of Len Immke, Inc., automobile agency, previously had served an interim term on The Ohio State University Board of Trustees from February 1, 1979 to May 13, 1979, completing a term which was left vacant by the resignation of John L. Gushman.

\* \* \*

June 12, 1980 meeting, Board of Trustees

### **ELECTION OF ACTING TREASURER**

Resolution No. 80-122

WHEREAS paragraph (B) of rule 3335-1-02 of the Administrative Code provides for replacement of Board officers through election; and

WHEREAS Mr. James W. Kristoff, who has served as Treasurer of this Board, has resigned from this University position; and

WHEREAS a successor has not been found as of this date:

NOW THEREFORE

BE IT RESOLVED, That Mr. Richard D. Jackson be elected as Acting Treasurer of this Board, effective July 1, 1980.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Mr. Devenow announced the committee appointments for 1980-81.

### **COMMITTEE APPOINTMENTS 1980-81**

Resolution No. 80-123

WHEREAS the appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors and the Inter-University Council for 1980-81 are as follows:

#### **Educational Affairs Committee**

John D. Jacob, Chairman  
Daniel M. Galbreath, Vice Chairman

Warren J Smith  
Chester Devenow, Ex Officio

#### **Fiscal Affairs Committee**

D. James Hilliker, Chairman  
John F. Havens, Vice Chairman

Edmund C. Redman  
Chester Devenow, Ex Officio

#### **OARDC Agenda Review Committee**

Daniel M. Galbreath, Chairman  
John M. Stackhouse, Vice Chairman

Warren J Smith  
Chester Devenow, Ex Officio

#### **Student Affairs Committee**

John F. Havens, Chairman  
D. James Hilliker, Vice Chairman

Leonard J. Immke  
Chester Devenow, Ex Officio

June 12, 1980 meeting, Board of Trustees

### COMMITTEE APPOINTMENTS 1980-81 (contd)

#### Personnel Committee

Chester Devenow, Chairman  
Warren J Smith, Vice Chairman

Patricia D. James

#### Development Fund Board

Edmund C. Redman

Leonard J. Immke

#### Inter-University Council

Patricia D. James

#### Research Foundation Board

Edmund C. Redman (April 1983)

### NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, and the Inter-University Council for 1980-81 be approved.

Upon motion of Mrs. James, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 80-124

*Synopsis: Resolutions honoring the service of nine of this University's faculty members who have recently died are being proposed.*

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mrs. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

J. Norman Allen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1980, of James Norman Allen, M.D., Professor (Helen C. Kurtz Chair in Neurology) and Director of the Division of Neurology of the Department of Medicine.

## RESOLUTIONS IN MEMORIAM (contd)

J. Norman Allen (contd)

Dr. Allen was born in Atlanta, Georgia, on January 7, 1925. He attended Emory University and later its medical school for two years. He then transferred to the Harvard Medical School where he graduated Cum Laude in 1949. He served medical and neurological house officerships at the Peter Bent Brigham Hospital and the Boston City Hospital. Following further training in the field of neurology and military service, he went to the University of North Carolina in Chapel Hill as an Instructor in Neurology in September 1955. He rapidly advanced to the rank of Associate Professor not only in neurology, but in anatomy and biochemistry as well. In May 1965, he was appointed Professor of Medicine (neurology) and Director of the Division of Neurology of the Department of Medicine at The Ohio State University. He served in that position until his death. At this University he also held Professorial appointments in the Departments of Physiological Chemistry and Pediatrics. In 1979, he was named to the Helen C. Kurtz Chair in honor of his outstanding accomplishments.

Dr. Allen was a leader in American neurology and served on many committees, study sections and other technical organizations. He served as a member of the University Senate and the Executive Committee of the College of Medicine. As Chairman he guided the College of Medicine Committee on Human Research during its critical formative years. Within the Department of Medicine, he developed a distinguished Division of Neurology always giving staunch support to the classic academic goals of effective teaching through exemplary patient care interwoven with research and scholarly activity. He chaired a landmark committee for the Department of Medicine which developed a practice plan in 1969.

Dr. Allen was an excellent example of the best of contemporary clinical scientists. His research involved some of the most fundamental and sophisticated subcellular biochemistry of the central nervous system. His teaching in the Department of Physiological Chemistry attested to his knowledge in that area. On the other hand, he remained a clinician, dealing with problems such as the determination of brain death, spinal cord injury and the analysis of toxic effects from manufacturing processes. He was a true scholar. He fully savored the intellectual challenge of learning about the brain. He gave living truth to the great William Harvey's description of such study as "the divine banquet of the brain."

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Leonard D. Bayer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 1, 1980, of Leonard D. Bayer, Professor Emeritus in the Department of Agronomy.

Professor Bayer was widely known as an expert on tropical soils and tropical crop production and as an agricultural educator, researcher and administrator. Prior to retiring from Ohio State in 1972 and moving to California, he had taught and conducted research in soil physics and related fields at Ohio State and other institutions for 49 years.



June 12, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Leonard D. Bayer (contd)

He was a past president of the Soil Science Society of America, past president of Commission 1 (Soil Science) of the International Society of Soil Science, and a fellow in the American Society of Agronomy.

He had B.S. and M.S. degrees from Ohio State and a Ph.D. degree from the University of Missouri, as well as honorary degrees from the University of Hawaii and North Carolina State University.

At Ohio State he was Professor of agronomy from 1965-72 and Chief of Party for Ohio State's team in Udaipur, India, in 1965-66. In addition he had taught or done research at Alabama Polytechnic Institute, University of Missouri, and at North Carolina State, where he was Director of the Agricultural Experiment Station and Dean of Agriculture.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lela Hardy

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 19, 1980, of Lela Hardy, Associate Professor Emeritus in the School of Music, College of the Arts.

Miss Hardy joined the faculty of The Ohio State University in 1928 and served as a teacher of piano. She also conducted a daily WOSU radio program, "Survey of Piano Literature," for a number of years.

Miss Hardy was a member of Pi Kappa Lambda, national music honorary, and Alpha Rho Tau, national fine arts honorary. She was a social worker before beginning her career as a teacher of music at the college level.

Miss Hardy received her formal education at the University School of Music, Lincoln, Nebraska; State University of Nebraska; and Radcliffe College. She was awarded the degrees Bachelor of Music, Bachelor of Fine Arts, and Master of Arts.

Since her retirement from The Ohio State University in 1955, Miss Hardy had made her home in Santa Barbara, California.

On behalf of the University, the Board of Trustees wishes to express its sympathy at her passing and to acknowledge the many contributions she made to the School of Music during her tenure at The Ohio State University. It was directed that this resolution be inscribed in the minutes of the Board of Trustees.

June 12, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Ruth W. Hughey

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 28, 1980, of Dr. Ruth W. Hughey, Professor Emeritus, Department of English.

Dr. Hughey was born in Gentry, Arkansas, on September 11, 1899. She obtained a B.A. degree from Hendrix College in 1920, M.A. degree from Columbia University in 1921, and Ph.D. degree from Cornell University in 1932. She taught at various schools, including the University of Missouri and Mt. Holyoke, before joining the faculty of The Ohio State University in 1939.

Dr. Hughey was a specialist in the Renaissance and editor of one of the most important collections of early English literature, *The Arundel Harington Manuscript of Tudor Poetry*, (published by The Ohio State University Press in 1960), and author of two other books on Renaissance England. At various times during her career, Dr. Hughey was a Guggenheim Fellow, a Fellow of the American Association of University Women, and an Elizabeth Clay Howald Fellow at The Ohio State University.

Following her retirement in 1969, Dr. Hughey lived in Atlanta, Georgia.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

Eric C. Jelly

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 31, 1980, of Eric C. Jelly, Professor of Family Medicine and Director of The Ohio State University Family Practice Residency Program.

Professor Jelly was born in London, England, and educated in England where he received his Bachelor of Medicine and Bachelor of Surgery. He earned the Diploma of the Royal College of Obstetrics and Gynecology and "Boards" in Family Practice from the Royal College of General Practitioners, and practiced in England for over fifteen years, as well as served as a college physician.

Dr. Jelly's career in education began while still in practice, as he became a founding member of the Chichester Postgraduate Committee. He went on to become residency director for a three-year family practice program at Saint Richard's Hospital, Chichester.

In 1975, Dr. Jelly came to the United States as a Visiting Assistant Professor of Family Medicine and directed the divisions of Evaluation and Behavioral Science at the University of North Carolina, Department of Family Medicine.

June 12, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Eric C. Jelly (contd)

Professor Jelly has published and presented extensively on a variety of subjects including geriatric training for residents, socio-medical aspects of aging, stress on the physician, group therapy life cycle medical curriculum, and evaluation in resident education. His most recent research involved the medical marriage in stress.

Dr. Jelly joined The Ohio State University Family Medicine Department just fifteen months ago--to lead our Family Practice Residency Program. When asked why he selected this difficult position over easier alternatives, he answered that it was because of the opportunity of influencing the large number of medical students--233 per class. He gained strength and vibrance from the greater challenges and saw the opportunities in difficult situations. Dr. Jelly was a superb clinician and a compassionate friend and counselor to his patients, but above all he was a gentle teacher to his students and residents, respectfully prodding them to the limits of their ability. His glow of enthusiasm was leavened with an intellectual authority that made him noticed by his colleagues, respected by his students and residents, and looked up to by his staff. Under his influence, his family practice peers strived to perfect their teaching skills. He was more an educator than a teacher and created in the residency program a dynamic, inspired atmosphere as he insisted upon a disciplined mind, but taught that there also need be a place in the life of physicians for family, love, fun, and spice of life. His accomplishments here in just fifteen months were enormous, and he left a legacy which provides a deep foundation upon which to build further as we take his optimism and innovative riches as our guiding beacon.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

J. Henry Kaiser

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 23, 1980, of Dr. J. Henry Kaiser, Professor Emeritus in the College of Dentistry.

Dr. Kaiser received his D.D.S. degree from The Ohio State University in 1934.

Dr. Kaiser was a member of the faculty of the College of Dentistry from 1939 until his retirement June 30, 1967, and maintained a very successful private practice. He was Chairman of Endodontics from 1944 to 1967. He was also Chairman of the Department of Pharmacology from 1941 to 1944.

Dr. Kaiser was a member of the American Dental Association; Council on Dental Therapeutics; Ohio State Dental Association; Columbus Dental Society; International Association for Dental Research, Columbus Section; American Society of Dentistry for Children; American Association of Endodontists; Federation Dentaire Internationale Dentistry; and honorary member of Pierre Fauchard. He held memberships in the Faculty Club, Columbus Maennerchor, Buckeye Boosters, and Omicron Kappa Upsilon Dental Honorary.

June 12, 1980 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

J. Henry Kaiser (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Frank McLean Mallett

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 7, 1980, of Frank M. Mallett, Associate Professor, Departments of Engineering Graphics and Aeronautical and Astronautical Engineering.

Professor Mallett was born in Sharon, Pennsylvania, on February 9, 1913. He received the Bachelor of Arts degree, magna cum laude, with specialization in mathematics, from Kenyon College in 1934, and the Master of Science degree, with major area of study in aeronautical and astronautical engineering, from The Ohio State University in 1948.

Professor Mallett began his career as a Teaching Associate in the Department of Mathematics, The Ohio State University, from 1934-1938, and was an Instructor in the Department of Mathematics, Grove City College, Pennsylvania, in 1939. He returned to Columbus in 1940 and joined the Curtiss Wright Corporation as a Senior Design and Research Engineer. He resumed his academic career in 1947 as an Instructor in the Department of Aeronautical and Astronautical Engineering, The Ohio State University. Professor Mallett was given a joint appointment in the Department of Engineering Graphics in 1975, giving full-time service to that department until his untimely death.

Professor Mallett wrote a number of technical articles and papers, including several contributions to the *Encyclopedia of Science and Technology*. He was a member of the American Association of University Professors, a Fellow of the British Interplanetary Society, Phi Beta Kappa, and Delta Tau Delta fraternities. He was Warden and Vestry member of the St. Stephens Church.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Gerald Bennett Rice

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 27, 1980, of Gerald Bennett Rice, Assistant Professor of English at The Ohio State University Mansfield Campus.

Professor Rice was a uniquely talented faculty member who dedicated himself not only to the education of his English students but also in the dramatic training of the student players

June 12, 1980 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Gerald Bennett Rice (contd)

in his many theatrical productions. Among the many outstanding theatrical productions Professor Rice presented at Mansfield Campus were *Tea and Sympathy*, *Our Town*, *Midsummer Night's Dream*, *Glass Menagerie*, and *Romeo and Juliet*. His special dramatic flair and his inspirational personality as a teacher attracted hundreds of students to participate in various extracurricular activities for which Professor Rice was advisor. These activities included student newspapers, campus journals, and literary magazines. He sponsored and participated in a series of parliamentary debates, was creator and host of a weekly radio program called *Campus Kaleidoscope*, and appeared on a local television news program as reviewer of films, plays, and musical events. Professor Rice was also one of the faculty sponsors of the many cultural events and lectures that have been featured at the Mansfield Campus over the years. His eloquent manner of oratory and powerful presence in the classroom will live in the memory of his students.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Maude M. Slawson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 3, 1980, of Maude M. Slawson, Associate Professor Emeritus in the School of Music, College of the Arts.

Miss Slawson joined the faculty of The Ohio State University in 1930, and served as an Associate Professor of music education. She was director of the Women's Glee Club from 1930-36. She was also involved in the "School of the Air" series on WOSU radio under whose auspices she presented the "Time for Music" program for nine years. She was a former vocal concert artist before assuming her role as a teacher of music at the college level.

Miss Slawson received her formal education at Washington State University, and Teachers College, Columbia University. She was awarded the degrees Bachelor of Music (magna cum laude) and Master of Arts.

Since her retirement from The Ohio State University in 1958, Miss Slawson made her home in La Jolla, California.

On behalf of the University, the Board of Trustees wishes to express its sympathy at her passing and to acknowledge the many contributions she made to the School of Music during her tenure at The Ohio State University. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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June 12, 1980 meeting, Board of Trustees

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY**

Resolution No. 80-125

*Synopsis: Changes in the Rules of the University Faculty are proposed.*

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Rules of the University Faculty* were approved by the University Senate on May 10, 1980, as follows:

**3335-3-16 Ombudsman.**

- (A) The ombudsman shall be appointed by the president with the approval of the board of trustees, from among a panel of three candidates presented by an ad hoc search committee composed of twelve members as follows:
  - Two faculty members, selected by the faculty council
  - Two undergraduate students, selected by the student assembly
  - Two graduate students, selected by the council of graduate students
  - Two professional students, selected by the graduate-professional council
  - Two alumni, selected by the Ohio state university alumni association, and
  - Two non-teaching staff, appointed by the president of the university.

**3335-7-21 Marks.**

(F) "EM"--examination

- (2) Examination credit shall not be given to a student for a course in which he has received a mark at this university or for which he has transfer credit from some other college or university. Conversely, no course for which "EM" credit has been received can be taken later for a grade or credit. No credit points are allowed for courses in which a mark of "EM" is given.

(J) "PA/NP"--pass/non-pass

- (6) Before noon of the sixth Saturday of a quarter or the third Saturday of a term, a student must have declared his intention to take a course on the pass/non-pass basis by filing the appropriate forms with the dean or director of his enrollment unit. A student may not change to or from the pass/non-pass option after noon of the sixth Saturday of a quarter or the third Saturday of a term.

**3335-9-20 Improper registration.**

Admission or registration may be cancelled by the assistant vice president for registration services in cases of improper registration or when false or incomplete

June 12, 1980 meeting, Board of Trustees

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)**

3335-9-20 Improper registration. (contd)

information is provided on the application for admission, or registration forms, or other official documents. No credits earned subsequent to such cancellation and prior to proper admission or registration shall be entered upon the permanent record of the student. Students whose admission or registration is cancelled are not entitled to any refund of fees.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to *Rules of the University Faculty* be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mrs. James:

A minor question. But what's the point in getting exam credit if you're not given credit points?

Provost Reynolds:

Oh, no, you're not given credit points if you're--it simply won't go on your transcript. It will serve as a prerequisite that you can take a course or that you qualified, but you won't get hours of credit as if you had taken the course. It qualifies you.

Mrs. James:

Right, but there's no way now that a student can get credit by examination for any course?

Provost Reynolds: That's right.

Dr. Vandament:

There is a possibility--the distinction in the credit points is between whether it counts in the grade point average or not. The credit hours count towards graduation requirements, but in computing a grade point average, those grades are not counted.

Mrs. James: Then that's what that's saying there. It isn't--

Provost Reynolds: Yes, it's simply you're meeting requirements.

Mrs. James: It says you don't get credit points for it--you mean grade points.

June 12, 1980 meeting, Board of Trustees

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)**

Dr. Vandament:

The first part of the rule change actually prevents the duplication of credit; that is, it states the person cannot get credit twice for the same thing. The person takes the course formally. The second part simply specifies that credit points are a technical, internal term meaning—in other institutions they are sometimes called quality points. You get two quality points for a “C”; three quality points for a “B” and four for an “A,” then you compute the grade point average by adding up all the quality points and dividing by the number of credits. It says that in computing the grade point average these courses will be excluded.

Mr. Scott: As a part of that computation--

Mrs. James: But if it is a 3.4 then he will get 3 credit points.

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**CHANGE NAME FROM DEPARTMENT OF MEDICAL MICROBIOLOGY  
TO DEPARTMENT OF MEDICAL MICROBIOLOGY AND IMMUNOLOGY**

Resolution No. 80-126

*Synopsis: Name change from Department of Medical Microbiology to Department of Medical Microbiology and Immunology is being proposed.*

WHEREAS the College of Medicine has requested the name of the Department of Medical Microbiology be changed to the Department of Medical Microbiology and Immunology; and

WHEREAS the teaching, research, and service duties of the department include a strong component in immunology; and

WHEREAS the inclusion of “Immunology” in the name of departments of medical microbiology is a common practice at similar institutions in this country; and

WHEREAS the Council on Academic Affairs has approved the proposed name change:

NOW THEREFORE

BE IT RESOLVED, That the proposal as approved by the University Senate May 10, 1980, to change the name of the Department of Medical Microbiology to the Department of Medical Microbiology and Immunology, be adopted.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 12, 1980 meeting, Board of Trustees

## HONORARY DEGREES

Resolution No. 80-127

*Synopsis: Approval is requested for awarding honorary degrees.*

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

John E. Corbally  
Mary Rosamond Haas  
Frederick G. Kilgour  
Howard Rosen  
Edgar F. Shannon, Jr.

Doctor of Laws  
Doctor of Humane Letters  
Doctor of Humane Letters  
Doctor of Humane Letters  
Doctor of Humane Letters

### NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mrs. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## WAIVER OF RULE 3335-9-14 (TIME OF REGISTRATION AND PAYMENT OF FEES; PENALTIES) FOR AUTUMN QUARTER 1980

Resolution No. 80-128

*Synopsis: Request to waive Rule 3335-9-14 of the Administrative Code for Autumn Quarter, 1980 for the time of payment of fees.*

WHEREAS Rule 3335-9-14 of the Administrative Code presently requires undergraduate students to pay all fees by the close of the third business day preceding the first day of classes, graduate and professional students to pay all fees by the close of the last business day preceding the first day of classes, and fees paid by mail to be postmarked the fourth business day preceding the first day of classes; and

WHEREAS it is desired that the last day to pay graduate, undergraduate and professional fees for the Autumn Quarter, 1980, be adjusted so as to minimize the congestion which occurs at the beginning of each Autumn Quarter and improve the flow of the Autumn Quarter fee payment process for the students:

June 12, 1980 meeting, Board of Trustees

**WAIVER OF RULE 3335-9-14 (TIME OF REGISTRATION AND  
PAYMENT OF FEES; PENALTIES) FOR AUTUMN QUARTER 1980 (contd)**

NOW THEREFORE

BE IT RESOLVED, That payment of undergraduate, graduate and professional fees for the Autumn Quarter, 1980, be required by September 10, 1980. Fees paid by mail must be postmarked not later than September 10, 1980.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**TRANSFER OF THE ADMINISTRATIVE HEADQUARTERS OF THE  
MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL  
ACTIVITIES, INC., AT THE OHIO STATE UNIVERSITY**

Resolution No. 80-129

*Synopsis: Approval is requested for the transfer to the Ohio State campus of the administrative headquarters of the Midwestern Universities Consortium for International Activities, Inc., of which The Ohio State University is a member.*

WHEREAS The Midwest Universities Consortium for International Activities, Inc., (hereinafter referred to as Consortium), an Illinois not-for-profit organization, was incorporated on January 30, 1964; and

WHEREAS the membership of the Consortium consists of the Board of Trustees of the University of Illinois, the Trustees of Indiana University, the Board of Trustees of Michigan State University, the Board of Regents of the University of Minnesota, the Board of Trustees of The Ohio State University, the Board of Trustees of The University of Iowa, and the Board of Regents of the University of Wisconsin System, who under the terms of the bylaws must contribute to the Consortium for its general purposes; and

WHEREAS the Consortium was formed to assist the member institutions in rendering more effective technical assistance abroad and to gain from their overseas activities the maximum of academic benefit on their respective campuses; and

WHEREAS The Ohio State University has been requested to serve as the host institution for the Executive Director's office:

NOW THEREFORE

BE IT RESOLVED, That the President or his designated representative be authorized to negotiate a contract for a term of one (1) year effective July 1, 1980 through June 30, 1981,

June 12, 1980 meeting, Board of Trustees

**TRANSFER OF THE ADMINISTRATIVE HEADQUARTERS OF THE  
MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL  
ACTIVITIES, INC., AT THE OHIO STATE UNIVERSITY (contd)**

setting forth the necessary administrative arrangements to accommodate the proposed relationship between the University and the Consortium.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Devenow: Why is the University of Michigan not listed here?

President Enarson:

A very simple reason--that in the State of Michigan the land-grant university is Michigan State University and the University of Michigan does not have a program in agriculture, and although the technical assistance program is funded by the Agency for International Development and the Ford Foundation and others whose technical programs are by no means limited to agriculture, if you look at the record over the past decade the great bulk of the programs are in agriculture. That's the primary reason.

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**BUDGET SUMMARY (THIRD QUARTER, 1979-80)**

Resolution No. 80-130

*Synopsis: The third quarter summary report of the current funds budget is presented for review.*

The third quarter report of the 1979-80 Current Funds Budget contains changes from the second quarter report primarily in projected expenditure levels for Instruction and General programs. These expenditure increases for the most part are for equipment replacement, and have been made possible at this time by the higher earning in temporary investments experienced recently. Minor changes from second quarter levels in estimated expenditures are projected for other categories and an estimate of anticipated construction, repairs, and renovation projects has been included.

WHEREAS the third quarter report of the 1979-80 current funds budget which is presented for review by the Board of Trustees is balanced and contains a total upward revision in budgeted expenditures from \$475,633,000 to \$484,607,000; and

WHEREAS estimated income is adequate to cover the budgeted expenditures:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget be accepted, including anticipated transfers to plant funds and providing that any endowment

June 12, 1980 meeting, Board of Trustees

**BUDGET SUMMARY (THIRD QUARTER, 1979-80) (contd)**

income not needed to support current budgeted expenditures may be held as endowment principal or funds functioning as endowment for use in future budget periods.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS)**

	Budget Approved February 1, 1980	Proposed Revised Budget June 12, 1980
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$160,130	\$166,565
Libraries	10,204	10,571
Other Academic Support	2,936	4,112
Sponsored Programs Administration	2,771	3,172
Student Services	9,248	9,608
Plant Operation	28,927	27,773
Institutional Support	17,878	17,718
Total Instruction and General	\$232,094	\$239,519
Sponsored Research		
Research Foundation	\$ 35,275	\$ 36,596
Engineering Experiment Station	1,780	1,731
University Sponsored Programs	983	1,069
Other	2,805	2,553
Total Sponsored Research	\$ 40,843	\$ 41,949
Public Service		
University Hospitals	\$ 89,854	\$ 87,313
Cooperative Extension Service	20,952	21,062
University Sponsored Programs	2,739	3,219
Other	16,452	16,300
Conferences	3,434	3,200
Total Public Service	\$133,431	\$131,094
Student Aid	\$ 6,601	\$ 6,304

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1979-80  
(IN THOUSANDS) (contd)

	Budget Approved February 1, 1980	Proposed Revised Budget June 12, 1980
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 21,879	\$ 22,255
Intercollegiate Athletics	10,714	10,934
University Bookstores	5,318	5,574
Student Health Service	2,611	2,614
Student Unions	2,818	2,860
Parking Facilities	2,760	2,912
University Airport	2,242	2,274
Fawcett Center for Tomorrow	1,669	1,590
Other	886	701
Total Auxiliaries	\$ 50,897	\$ 51,714
TOTAL COLUMBUS CAMPUS	\$463,866	\$470,580
Regional Campuses		
Administration	\$ 201	\$ 196
Lima Campus	2,438	2,460
Mansfield Campus	2,465	2,458
Marion Campus	1,500	1,473
Newark Campus	2,238	2,013
Agricultural Technical Institute	2,850	2,735
Wright-Patterson Graduate Center	75	85
TOTAL REGIONAL CAMPUSES	\$ 11,767	\$ 11,420
TOTAL ALL CAMPUSES	\$475,633	\$482,000
Construction and Renovation Projects		2,607
GRAND TOTAL		\$484,607

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1979-80 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET  
(IN THOUSANDS)

	Revised Estimated Income February 1, 1980	Estimated Income June 12, 1980
Columbus Campus		
Government Appropriations		
State of Ohio	\$161,560	\$162,381
Federal	61,315	60,482
Other	6,800	6,775
Subtotal	\$229,675	\$229,638
Student Fees		
Instruction and General	\$ 63,025	\$ 63,025
Room and Board	17,987	18,700
Other	3,670	3,570
Subtotal	\$ 84,682	\$ 85,295
Other Income		
Auxiliary Sales and Charges	\$107,319	\$108,581
Department and University Services	16,336	16,450
Endowment Income	4,226	4,272
Gifts and Grants	16,557	18,723
Temporary Investments	7,000	11,000
Subtotal	\$151,438	\$159,026
TOTAL COLUMBUS CAMPUS	\$465,795	\$473,959
Regional Campuses		
Lima Campus	\$ 2,739	\$ 2,790
Mansfield Campus	2,781	2,906
Marion Campus	1,715	1,765
Newark Campus	2,519	2,493
Agricultural Technical Institute	3,069	3,085
Wright-Patterson Graduate Center	75	85
TOTAL REGIONAL CAMPUSES	\$ 12,898	\$ 13,124
GRAND TOTAL	\$478,693	\$487,083

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**BUDGET 1980-81**

Resolution No. 80-131

**I. INTRODUCTION**

The proposed 1980-81 budget has been developed with the knowledge that new resources provided by the State will not be adequate to meet the inflationary cost increases to be encountered by the University. As a result, this proposed budget relies heavily on savings and retrenchments made during 1979-80 to fund a part of the gap that exists between new resources and cost increases. Although this two-year strategy diminishes the erosion occurring in the 1980-81 budget, it reduces the University's flexibility for future years. Therefore, the adoption of this budget for 1980-81 will be accompanied by a fresh analysis of our budget priorities. We consider it essential that we recapture some flexibility for the 1981-82 budget year.

Statements recently issued by the Ohio Office of Budget and Management indicate that state revenues are coming in at significantly lower levels than originally projected when the current biennial appropriations bill was passed by the General Assembly. Therefore, there is the very real possibility that State revenues for the University will be decreased from those levels assumed in this proposed budget. If such a reduction occurs, it will be necessary for us to present a revised budget for action by the Board at a later date.

The proposed 1980-81 budget has been developed with the following, sometimes conflicting, objectives:

- . Compliance with federal wage/price guidelines.
- . To the extent possible, maintenance of the purchasing power of faculty and staff salaries in the face of rising inflation.
- . Redress of past erosion in entry-level stipends for graduate associates, the apprentice/scholars who provide necessary services to the University.
- . Corrective funding for growth areas of the University whose needs for increased resources have not been met in the past.
- . Continuation of an urgently needed program to replace scientific and other equipment.
- . Maintenance of adequate funding levels for health sciences programs by continuing to replace funds no longer supplied by federal capitation programs.
- . Containing student fee increases with the recognition that family incomes are no longer rising at a rate comparable to that of general inflation.

We have not met all of these objectives fully in this proposed budget. The unarguable fact is that real income to the University has decreased significantly while the demand for services has increased.

**BUDGET 1980-81 (contd)**

**II. SUMMARY OF PROJECTED TOTAL CURRENT EXPENDITURES AND REVENUES.**

**A. Overview**

The University Budget encompasses several categories of funds, based on whether income was earned through charges for specific services, donated for specific activities, or allocated by the University from a general pool of funds. The following summaries provide an overview of estimated 1979-80 and projected 1980-81 expenditures for these categories: Unrestricted General Funds, Earnings Operations, Restricted Funds, and Regional Campuses.

**B. Columbus Campus**

*Unrestricted General Funds.* Unrestricted General Funds expenditures are supported by pooling the following:

- . State instructional subsidies
- . Instructional and general fees
- . Unrestricted endowment and gift income
- . Indirect cost recovery from grants and contracts
- . Unrestricted federal funds
- . Income from temporary investment of unrestricted funds.

The above expenditures are planned to rise from a 1979-80 base of \$222.8 million to \$236.4 in 1980-81, an increase of \$13.5 million. The unrestricted general funds, which provide the core support for the University's academic and support programs, are subject to direct allocation by the University. We are projecting a balanced budget for 1980-81. Two key assumptions have been made: that enrollments will remain at those levels allowed by the General Assembly; and that \$9.6 million of funds reverting to uncommitted status at the close of the 1979-80 year will be available for allocation.

Changes in Unrestricted General Funds are shown below in Summary 1.

**SUMMARY 1**

	Estimated 1979-80	Proposed 1980-81	Increase
Expenditures	\$222,845,200	\$236,352,700	+\$13,507,500 +6.1%



**BUDGET 1980-81 (contd)**

*Earnings Operations.* The University engages in various activities that are generally self-supporting and are funded through charges made for services, e.g., University Hospitals, residence and dining halls, bookstores, intercollegiate athletics, student unions, Fawcett Center for Tomorrow, Mershon Auditorium, traffic and parking, non-credit courses and conferences. These earnings operations, each of which develops its own budget for review by the University, are projected to increase their expenditures collectively by \$16 million over 1979-80 bases of \$143.1 million. A \$2.4 million positive variance of income over expenditures is projected as several of these operations attempt to build much-needed reserves for equipment replacement, maintenance, capital improvements, and working cash during the coming year.

Changes in Earnings Operations Budgets are shown below in Summary 2.

**SUMMARY 2**

	Estimated 1979-80	Proposed 1980-81	Increase
Expenditures	\$143,068,000	\$159,643,200	+\$16,575,200 +11.6%

*Restricted Funds.* Restricted funds to conduct special purpose activities are obtained through endowments and gifts donated by friends of the University and through grants and contracts awarded for the performance of research, instructional, or public services. Federal, state, and county agencies also provide restricted line-item funding for such operations as Cooperative Extension, University Hospitals, primary health care residencies, etc. The restricted funds activities usually enrich - directly or indirectly - the academic programs of the University. Major increases in expenditures projected for 1980-81 can be traced primarily to gains that University faculty members have made in obtaining outside funding for research and public service projects and to increased funds given to the Development Fund.

Changes in Restricted Funds Expenditures are shown below in Summary 3.

**SUMMARY 3**

	Estimated 1979-80	Proposed 1980-81	Increase
Expenditures	\$103,660,200	\$115,048,000	+\$11,387,800 +11%

**C. Regional Campuses**

Each of the regional campuses maintains financial independence, generating its own income through the State's instructional subsidies, student fees, and earnings and restricted funds activities. Each campus develops its own budget for review by the University administration, within restrictions provided by revenue estimates and University-wide personnel salary guidelines and policies. Because of enrollment declines in the past, regional

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### BUDGET 1980-81 (contd)

campus budgets for 1980-81 generally will not increase at rates which will allow them to meet inflationary costs without retrenchment. These campuses have worked with the University central administration throughout the past year to develop these retrenchment plans, and it is hoped that they can be effected without serious disruption to their academic programs. Because of recent changes in program offerings and increased marketing activities coordinated with the Columbus Campus, applications for admissions to the regional campuses have increased for the coming year and it is hoped that the trend toward enrollment decline can be reversed or at least diminished for the next few years.

### SUMMARY 4

#### Regional Campus Expenditures

	Estimated 1979-80	Proposed 1980-81	Increase
Regional Campus Administration	\$ 195,900	\$ 196,500	+\$ 600 + 0.3%
Lima Campus	2,460,300	2,711,200	+ 250,900 +10.2%
Mansfield Campus	2,457,900	2,700,400	+ 242,500 + 9.9%
Marion Campus	1,473,400	1,553,500	+ 80,100 + 5.4%
Newark Campus	2,012,500	2,222,300	+ 209,800 +10.4%
Agricultural Technical Institute	2,734,700	2,916,100	+ 181,400 + 6.6%
Wright-Patterson Graduate Center	85,000	100,000	+ 15,000 +17.6%
TOTAL	\$11,419,700	\$12,400,000	+\$980,300 + 8.6%

### III. UNRESTRICTED GENERAL FUNDS AND THE INSTRUCTION AND GENERAL BUDGET.

#### A. Overview

The core budget of the University is the Instruction and General Budget of the Columbus Campus. This budget supports the credit educational programs in which students enroll, along with the academic and administrative support services required. The sub-categories of the Instruction and General Budget are: Departmental Instruction and Research, Libraries, Other Academic Support (e.g., Teaching Aids Laboratory), Sponsored Program Administration, Student Services, Plant Operation, and Institutional Support.

About 96 percent of the Unrestricted General Funds that the University forms by pooling its state subsidy, student instructional and general fees, and other unrestricted income are

June 12, 1980 meeting, Board of Trustees

### BUDGET 1980-81 (contd)

used to support the Instruction and General Budget. Approximately 88 percent of the Instruction and General budget is funded from unrestricted funds, the remaining coming from earnings operations and restricted or designated funds. Thus, the Instruction and General Budget is that part of the total University Budget affected most by the decisions the University makes about the allocation of its Unrestricted General Funds. Because the most direct allocation decisions occur in the expenditure of Unrestricted General Funds, the following analysis is presented for the proposed expenditure of those unrestricted funds for 1980-81.

The proposed Unrestricted General Funds Budget calls for increased commitments of \$23.1 million over those 1979-80 base budget commitments carried forward into 1980-81. This recommended budget is balanced in part through internal savings and reallocation of \$9.6 million from 1979-80 so that a net increase of \$13.5 million of new commitments is projected.

The Unrestricted General Funds Budget for 1980-81 is designed to achieve the following:

- . Meet mandated cost increases for faculty/staff benefits, utilities, step increases for classified employees - \$3.3 million.
- . Provide a 9.0 percent planned salary increase for continuing faculty and administrative/professional staffs - \$8.2 million.
- . Provide a 12 percent adjustment for operating budgets to meet costs other than continuing personnel - \$5 million.
- . Correct deficiencies in entry-level graduate associate stipends, equipment replacement programs, and workload problems in selected colleges and offices - \$3.5 million.
- . Set aside a Minimum Flexibility Fund as a hedge against revenue shortfalls, to fund a mid-year pay raise for staff if feasible, to fund existing budget deficiencies, and/or to undertake other activities (e.g., increased services to part-time students or expansion of summer offerings) - \$3.1 million.

The preceding total increase of \$23.1 million in planned expenditures is offset significantly by 1979-80 savings of \$9.6 million to produce a net increase of \$13.5 million.

- . Savings, retrenchments, and reversion of short-term commitments to uncommitted status - \$9.6 million.

The preceding changes would result in a total Unrestricted Funds Budget of \$236,352,700 for 1980-81.

The following changes in unrestricted income results in changes in projected resources from \$224,923,100 in 1979-80 to \$236,551,900 to support the 1980-81 Unrestricted Funds Budget.

**BUDGET 1980-81 (contd)**

- . Increase in instructional subsidies - \$9.6 million.
- . Increases in combined instructional and general fees of \$25 per quarter for undergraduates, \$35 for graduate students and law students, and additional increases for other students - \$4.2 million.

The increases above must be adjusted for changes occurring in other income. When increases in indirect cost recovery, unrestricted gifts, and endowment are averaged with a decrease projected in cash management earnings, a decrease of \$2.2 million is planned for 1980-81.

- . Net decrease in other income, including the cash management earnings, and annualization of 1979-80 fee increases - \$2.2 million decrease.

Cash management income should reach an all-time high of \$11.0 million in 1979-80, with return on short-term investments peaking at an 18 percent level in April, 1980. We are projecting a decrease to \$7.5 million in 1980-81 as interest rates recede.

**B. Costs of Proposed Budget**

This section contains more detailed information about those Unrestricted General Fund costs listed in the preceding section. The new costs to be met are dealt with in the following categories: Mandated Costs, College and Office Budget Increases for Salary and Operating Costs, Correction of Deficiencies (entry-level graduate stipends, equipment replacement, workload problems), and Minimum Flexibility Funds.

*Mandated Costs.* Mandated cost increases of \$3.3 million are projected for 1980-81 as a result of projected changes in employee benefit rates, utility rates, salary increases for classified employees, and additional fee compensation for graduate associates.

Increase in Employee Benefits, Including Cost of Dental Plan	\$ 600,000
Increase in Utilities Costs	634,500
Classified Staff Step Increases	400,000
Fee Compensation/Waivers	815,000
Other (Student Aid, Sponsored Program Administration, etc.)	867,000
<b>TOTAL</b>	<b>\$3,316,500</b>

These mandated cost increases generally exceed those that might be predicted on the basis of general inflationary pressures. The rise in utilities costs represents, however, the funds necessary to support what is in fact a reduced use of energy. Without the cost avoidance which results from the University's five-year-old energy conservation program, it is estimated that utilities costs would be \$9 million higher than those budgeted for 1980-81.

June 12, 1980 meeting, Board of Trustees

### BUDGET 1980-81 (contd)

The mandated costs include also a full year's funding of the dental insurance package adopted by the Board of Trustees in March, 1980 and placed in operation on May 1, 1980.

*College and Office Budget Increases.* The planned average salary increase of 9 percent for regular, continuing faculty and administrative/professional staff would result in additional costs of \$8.2 million. Given expected turnover, the average salary for all employees in these categories - including new and continuing - should remain within the 8 percent increase limitation anticipated in forthcoming wage/price guidelines.

Because inflation in the general economy surpassed the 9.5 percent change in salaries of continuing personnel in 1979-80 and will certainly surpass the 9 percent proposed for 1980-81, some erosion in the purchasing power of our faculty and professional staff will result from this 9 percent increase. For that reason, funds have been set aside in the Minimum Flexibility Fund for a mid-year increase of 3 percent, providing that the Minimum Flexibility Funds are not required to meet other needs or to make up other shortages in revenue.

The 12 percent adjustment to the operating budget category - which contains operating supplies and equipment costs along with the stipends of graduate associates and other temporary personnel - would increase expenditures by \$5.0 million. Although this increase will almost meet inflation costs borne during the past year, such funding will not correct for the 25-35 percent erosion in the purchasing power of these budgets that has occurred over the past nine years. A partial remedy is planned through continuation and expansion of an equipment replacement program which is contained in the following section on Correction of Deficiencies:

Faculty and Administrative and Professional Salaries (+9%)	\$ 8,159,200
Other Budget Categories (+12%)	5,022,600
TOTAL	\$13,181,800

*Correction of Deficiencies.* Several problems facing the University must be addressed by resources in addition to those funds provided for annual inflationary price increases. These problems can be attributed to the past inflationary erosion of college and office budgets (graduate stipends, equipment replacement), shrinking line-item governmental funding (equipment replacement, capitation funding), the workload demands that shifting enrollments and program emphases have placed on several departments and offices, and the reinforcement of administrative functions necessary to protect the resource base of the University and respond to changing state and federal regulations.

The graduate associate stipends paid to entry-level students have diminished in purchasing power by more than 20 percent over the past 6 years. This budget contains a minimum across-the-board increase of 9 percent to entry-level stipends, with a minimum stipend of \$390 per month, to offset this erosion and improve the University's ability to attract the most talented students to our program.

**BUDGET 1980-81 (contd)**

The University continues to have deficits in its equipment replacement program which has suffered the combined effects of inflation along with sharp reductions in the State's capital construction program - an important source of funding for equipment during the expansion period of the late sixties and the seventies. Much of the equipment purchased in conjunction with the expansion of the University's facilities during the past 20 years is now worn out or outmoded. This equipment must now be replaced from the Current Funds Budget rather than through capital construction programs, and this proposed budget contains \$1.5 million to address partially this problem on a continuing basis. During 1979-80, major efforts were made on a one-time basis to update the University's equipment by using funds which were withheld from commitments of a long-range nature, e.g., commitments for personnel expansion and/or replacement. It is now necessary to augment equipment budgets of our colleges and offices on a continuing basis, and the \$1.5 million contained in this budget represents the second phase of a program initiated in 1979-80 to increase the University's support of its equipment replacement program.

The distribution of enrollments among academic departments is constantly changing despite the relative stability of total University enrollments in the past few years. These shifts have resulted in resource shortages in some growth areas (e.g., Engineering, Administrative Science). Resource needs have occurred in other departments and offices because of changing program emphases to meet changes in various fields, or have become apparent through our continuing reassessment of academic programs. Administrative costs are also increasing as the University responds to increasing governmental regulations associated with federal grants and contracts, and with higher standards applied to the environmental health and safety of the campus. A total of \$2.0 million is contained in this proposed budget to meet these changing requirements.

Graduate Associate Stipends	\$ 24,100
Equipment Replacement	1,500,000
Workload Adjustments	2,007,900
<b>TOTAL</b>	<b>\$3,532,000</b>

*Minimum Flexibility Fund.* This proposed budget contains a Minimum Flexibility Fund of \$3.1 million to meet potential shortages in revenue and unexpected costs, or to remedy existing budget deficiencies if other income and expense factors permit. Since March of 1980, it has been the University's hope that a mid-year salary adjustment of three percent could be made to offset the inflationary erosion that has occurred in faculty and professional staff salaries during the past two years. This fund would be used to support this salary increase if revenue conditions permit during the autumn quarter.

*Savings/Retrenchment.* As noted earlier, the 1980-81 budget places heavy reliance on savings and retrenchments made in the 1979-80 budget to fund a significant gap between the availability of new resources and the cost increases to be covered by the 1980-81 budget. This 1980-81 unrestricted budget is supported, therefore, by \$9.6 million which remained in uncommitted status at the close of the 1979-80 year as a result of savings in various areas

### BUDGET 1980-81 (contd)

of the University, retrenchments in areas of declining enrollment and lowered administrative workloads, or the placing of time restrictions on budgetary commitments that were made for 1979-80. This use of 1979-80 uncommitted funds results in a significant loss in flexibility at a time when an increasing portion of the University's funds should remain flexible as a hedge against anticipated future enrollment declines. Given the shifting program needs and emphases of the University, and pessimistic projections of resource levels in the coming years, retrenchment efforts are becoming an annual activity that will receive further emphasis as the 1980-81 budget year unfolds.

*Total Cost of Budget Plan.* The total net cost of the proposed budget plan for Unrestricted General Funds is as follows:

Mandated Costs	\$ 3,316,500
College and Office Budget Increases	13,181,800
Correction of Deficiencies	3,532,000
Minimum Flexibility Fund	3,067,100
Savings and Retrenchments	(9,589,900)
<b>TOTAL NET COST</b>	<b>\$13,507,500</b>

#### C. Resources to Meet Budget Plan

*Increase in Instructional Subsidy.* The appropriations bill for the current biennium (Sub. H.B. 204) contains an additional \$9.6 million in instructional subsidies for 1980-81 over 1979-80 levels, provided that the University maintains an enrollment level at or near the ceiling imposed by the General Assembly. This represents an increase of 7.1 percent over the 1979-80 subsidy level of \$135.1 million, and would yield an increase of 4.3 percent to the total Unrestricted General Fund of the University. Because of State revenue shortfalls, even this minimal increase is under serious question as the Governor attempts to adapt to a changing resource picture for the State.

*Instructional Fees.* It is recommended that full-time undergraduate instructional fees be raised by \$20 per quarter, a 7.5 percent increase over the current \$265 level. Although Sub. H.B. 204 would permit the University to raise its undergraduate instructional fee by 18.5 percent for 1980-81 because of inflationary pressures, we believe that a major fee increase would place undue hardship on students and might prevent some students from attending the University.

Increases in instructional fees to partially offset inflationary costs are recommended for other categories of students. These increases range from \$30 for graduate students (+8.5 percent) and law students (+7.9 percent) to an increase of \$40 per quarter in the College of Medicine (+5.6 percent). The complete list of proposed fees for 1980-81 is contained in the supplemental information for this budget.

June 12, 1980 meeting, Board of Trustees

#### BUDGET 1980-81 (contd)

*General Fee.* This proposed budget also assumes a general fee increase of \$5 from \$70 to \$75 per quarter. Under Ohio law, revenues from the general fee are to be used in support of "non-instructional institutional services performed for the benefit of enrolled students." At OSU, this includes such things as the operation of the Ohio and Drake Unions, the counseling and consultation center, the student health center, various student organizations, student financial aids, and the intramural and recreational sports program.

This \$5 increase represents a 7.1 percent increase over 1979-80 levels and is necessary to support the compensation increases and other inflationary costs experienced by those programs.

*Other Income.* Revenues from other sources will decrease in 1980-81 for the first time in a number of years. Income from federal sources, unrestricted endowments, indirect cost recovery from grants and contracts, etc., should produce an additional \$1.3 million. However, as noted earlier, the University's cash management program is predicted to recede from a record \$11 million of unrestricted earnings to a more stable level of \$7.5 million during 1980-81. This decrease of \$3.5 million in earnings from the cash management program, when combined with increased earnings of \$1.3 million from other sources, will result in a net decrease in income of \$2.2 million.

#### Total Additional Resources

Increase in Subsidy	\$ 9,632,300
Instructional Fees	3,030,000
General Fees	680,000
Other Fee Increases	440,000
Other Income	(2,153,500)
GRAND TOTAL	\$11,628,800

#### D. Adjustment to Resource Changes

As noted previously, a strong possibility exists that the University will suffer a cut in its funding from the State of Ohio. In all probability, this cut will be imposed within the next month or so. If reductions in state funding occur, the income and expenditure assumptions of this budget will require careful review and revision. An obvious area for reduction would be in those funds that have not yet been committed to colleges and offices, i.e., the Minimum Flexibility Funds. It will be necessary for us to reassess also the instructional and general fees contained in this proposed budget. The administration in the University is currently assembling a list of initiatives that might be taken to accommodate to such a budget revision. If subsequent events cause us to reevaluate this budget, we will present a revised budget to the Board of Trustees as soon as possible.



**BUDGET 1980-81 (contd)**

**IV. RECOMMENDATIONS**

It is recommended that:

- . The budget as proposed for the fiscal year 1980-81 be approved.
- . The schedule of fees for the Autumn Quarter, 1980 be approved.
- . The Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with academic promotions and the fees and charges for the 1980-81 fiscal year and to file these materials with the official records of the University.

President Enarson:

Just a brief preliminary comment with respect to the next item which is, of course, a matter of extreme importance to all of us, and that is the budget for the 1980-81 fiscal year. We knew as we entered this process of budget preparation that it would be an extremely difficult time for us in the light of rapid changes--all bad--in the American economy, in the light of inflation, in the light of erratic movements in the rate at which our endowment produced income. But nobody told me that even as the presentation was being made by Dr. Vandament to the Fiscal Affairs Committee this morning that at this precise hour downtown the Governor would be announcing that long-awaited cut, and I was informed just as Bill was in full flower of oratory that it was to be 3 per cent across the board and all agencies, including welfare I am told, as of July 1.

Could I speak very briefly to this, although the Board did address it during its other half in the Board of Control of the OARDC? I am not sure whether we need any special language added to the formal text of the resolution, but it would be our clear intent and our clear understanding that we would come to the July meeting with necessary adjustments to the budget.

Because this is a matter of such acute concern to all the people who have a stake in this University, I would simply say that in order to allay any fears on the part of our 54,000 students that we are acutely conscious of the problems they face in funding their attendance at this University. Some months ago before this Board we said that we would not plan for any increase in undergraduate charges--that is the instructional fee and the general fee--in excess of \$30. In fact, we have done better than that. The budget that you have before you proposes a \$20 increase in the instructional fee and a \$5 increase in the general fee. So we are \$5 below what we promised the students that we would have. I think that it is obvious to all of you that I can't promise that we won't go to that \$5. We are clearly in no position to reconstruct this budget within minutes outside in the corridor. We would make, I would assume, very modest increases above what is proposed here in the instructional fees to the students at all levels. Clearly we will be forced to consider all possible ways of making cuts in the budget. I can't guarantee that we will have a totally reconstituted budget by the July meeting, but I would assure you that if there are to be changes in instructional fees we will present them at that time

June 12, 1980 meeting, Board of Trustees

### BUDGET 1980-81 (contd)

President Enarson: (contd)

because that is the last possible time we could present them and still have any orderly planning for the opening of the new year. I am confident that we can have at least a general outline of the nature of the other cuts. I am optimistic that we would have a total reconstruct of the budget by July. I am simply reluctant to absolutely flatly guarantee that it will all be done by that time. With that as a preface I am not at all sure whether you want to go into this again. This was sent to each of you and the material was presented this morning. It is essential that the budget be adopted. It is the only authorization to sign contracts, and this is a matter of singular importance to all of us who work here.

Mr. Hilliker:

Mr. Chairman, I'll move that the 1980-81 budget be approved as proposed here with the understanding that it will be provisional pending the reworking of it and also that the schedule of fees be approved with the same understanding that they will be provisional subject to the reworking.

Mr. Redman seconded the motion. The resolution was adopted by unanimous roll call vote.

### THE OHIO STATE UNIVERSITY 1980-81 CURRENT FUNDS BUDGET BUDGETED EXPENDITURES FOR 1980-81 (IN THOUSANDS)

	1979-80 Revised Budget	1980-81 Proposed Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$167,374	\$177,491
Libraries	10,571	11,060
Other Academic Support	3,429	3,808
Sponsored Programs Administration	5,952	6,322
Student Services	9,608	9,962
Plant Operation	27,607	28,729
Institutional Support	17,802	19,763
Total Instruction and General	\$242,343	\$257,135
Sponsored Research		
Federally Sponsored Programs	\$ 31,993	\$ 35,980
Other Externally Sponsored Programs	9,053	10,487
Internally Sponsored Programs	572	517
Total Sponsored Research	\$ 41,618	\$ 46,984

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
BUDGETED EXPENDITURES FOR 1980-81  
(IN THOUSANDS) (contd)

	1979-80 Revised Budget	1980-81 Proposed Budget
Columbus Campus (contd)		
Public Service		
University Hospitals	\$ 87,313	\$100,570
Cooperative Extension Service	21,062	22,251
Externally Sponsored Programs	14,638	16,224
Internally Sponsored Programs	5,248	5,608
Total Public Service	\$128,261	\$144,653
Student Aid	\$ 6,304	\$ 7,019
Auxiliaries		
Student Housing	\$ 22,479	\$ 24,502
Intercollegiate Athletics	10,384	10,326
University Bookstores	5,574	6,119
Student Health Service	2,614	2,954
Student Unions	2,604	2,885
Parking Facilities	2,828	3,247
University Airport	2,274	2,567
Fawcett Center for Tomorrow	1,590	1,767
Other	701	886
Total Auxiliaries	\$ 51,048	\$ 55,253
TOTAL COLUMBUS CAMPUS	\$469,574	\$511,044
Regional Campuses		
Administration	\$ 196	\$ 197
Lima Campus	2,460	2,711
Mansfield Campus	2,458	2,700
Marion Campus	1,473	1,554
Newark Campus	2,013	2,222
Agricultural Technical Institute	2,735	2,916
Wright-Patterson Graduate Center	85	100
TOTAL REGIONAL CAMPUSES	\$ 11,420	\$ 12,400
GRAND TOTAL	\$480,994	\$523,444

June 12, 1980 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1980-81 CURRENT FUNDS BUDGET  
SOURCES OF INCOME TO SUPPORT 1980-81 BUDGET  
(IN THOUSANDS)

	1979-80 Estimated Income	1980-81 Estimated Income
<b>Columbus Campus</b>		
Government Appropriations		
State of Ohio	\$162,381	\$174,009
Federal	60,483	67,671
Other	7,809	8,312
Subtotal	\$230,673	\$249,992
Student Fees		
Instruction and General	\$ 63,025	\$ 67,265
Room and Board	18,700	19,900
Other	3,570	3,997
Subtotal	\$ 85,295	\$ 91,162
Other Income		
Auxiliary Sales and Charges	\$108,581	\$121,751
Department and University Services	14,991	15,374
Endowment Income	4,272	4,782
Gifts and Grants	18,173	20,553
Temporary Investments	11,000	7,500
Subtotal	\$157,017	\$169,960
TOTAL COLUMBUS CAMPUS	\$472,985	\$511,114
<b>Regional Campuses</b>		
Lima Campus	\$ 2,790	\$ 3,043
Mansfield Campus	2,906	3,115
Marion Campus	1,765	1,820
Newark Campus	2,493	2,640
Agricultural Technical Institute	3,085	3,175
Wright-Patterson Graduate Center	85	100
TOTAL REGIONAL CAMPUSES	\$ 13,124	\$ 13,893
GRAND TOTAL	\$486,109	\$525,007

June 12, 1980 meeting, Board of Trustees

# SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
<u>Undergraduate</u>						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences	0-1	\$ 48	\$ 9	\$ 57	\$ 38	\$ 95
Continuing Education	2	60	14	74	76	150
Dental Hygiene	3	71	19	90	114	204
Education	4	95	25	120	152	272
Engineering	5	119	31	150	190	340
Health, Physical Education	6	142	38	180	228	408
and Recreation	7	166	44	210	265	475
Humanities	8	190	50	240	303	543
Journalism	9	214	56	270	341	611
Mathematical and Physical	10	238	62	300	379	679
Sciences	11	261	69	330	417	747
Music	12 or more	285	75	360	455	815
Natural Resources						
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
University College						

June 12, 1980 meeting, Board of Trustees

**SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)**

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Graduate School	0-1	\$ 48	\$ 9	\$ 57	\$ 45	102
	2	77	15	92	91	183
	3	116	22	138	136	274
	4	154	30	184	182	366
	5	193	37	230	227	457
	6	231	45	276	273	549
	7	270	52	322	318	640
	8	308	60	368	364	732
	9	347	67	414	409	823
	10 or more	385	75	460	455	915
Graduate Professional						
Law	0-3	\$102	\$19	\$122	\$145	\$ 267
	4	137	25	162	193	355
	5	171	31	202	242	444
	6	205	38	243	290	533
	7 or more	410	75	485	580	1,065
Medicine	0-3	\$189	\$19	\$208	\$145	\$ 353
	4	252	25	277	193	470
	5	315	31	346	242	588
	6	377	38	415	290	705
	7 or more	755	75	830	580	1,410
Dentistry Optometry Veterinary Medicine	0-3	\$144	\$19	\$163	\$145	\$ 308
	4	192	25	217	193	410
	5	240	31	271	242	513
	6	287	38	325	290	615
	7 or more	575	75	650	580	1,230

June 12, 1980 meeting, Board of Trustees

**SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)**

College or School		Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
University Regional Campuses							
Undergraduate		0-1	\$ 48	\$ 9	\$ 57	\$ 38	\$ 95
		2	60	12	72	76	148
		3	71	15	86	114	200
		4	95	20	115	152	267
		5	119	25	144	190	334
		6	142	30	172	228	400
		7	166	35	201	265	466
		8	190	40	230	303	533
		9	214	45	259	341	600
		10	238	50	288	379	667
		11	261	55	316	417	733
		12 or more	285	60	345	455	800
Graduate		0-1	\$ 48	\$ 9	\$ 57	\$ 45	\$102
		2	77	12	89	91	180
		3	116	18	134	136	270
		4	154	24	178	182	360
		5	193	30	223	227	450
		6	231	36	267	273	540
		7	270	42	312	318	630
		8	308	48	356	364	720
		9	347	54	401	409	810
		10 or more	385	60	445	455	900

**SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1980 (contd)**

Undergraduate students enrolled in any quarter, term, or period for twelve or more credit hours will be assessed full fees. Fees for undergraduate students enrolled for eleven or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum Instructional and General fees being \$57 for zero or one credit hour.

Graduate students enrolled in any quarter, term, or period for ten or more credit hours will be assessed full fees. Fees for graduate students enrolled for nine or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and the minimum Instructional and General fees being \$57 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

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**PERSONNEL ACTIONS**

Resolution No. 80-132

*Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Other Personnel Action; Resignation; Appointments; New and/or Reappointment of Chairmen of Departments, Academic Faculty and Division; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.*

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 2, 1980 meeting of the Board, including the following Other Personnel Action; Resignation; Appointments; New and/or Reappointment of Chairmen of Departments, Academic Faculty and Division; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget for 1979-80, be approved.

**Other Personnel Action**

CHARLES L. HOWELL, Dean of the College of Dentistry, whose five-year term expires on June 30, 1980, does not wish to be reappointed to this position, but has elected to remain on the faculty of the College of Dentistry as a Professor.

**Resignation**

JAMES W. KRISTOFF, University Treasurer and Treasurer of the Board of Trustees, will resign both positions effective June 30, 1980.



June 12, 1980 meeting, Board of Trustees

**PERSONNEL ACTIONS (contd)**

**Appointments**

Name: DONALD W. GOOD  
Title: Ombudsman  
Office: President  
Effective: July 1, 1980  
Salary: \$37,920.00 (12-month)  
Present Positions: Associate Vice Provost and Secretary, Colleges of the Arts and Sciences

Name: HOWARD G. SACHS  
Title: Associate Provost  
Office: Academic Affairs  
Effective: August 15, 1980  
Salary: \$39,120.00 (12-month)  
Present Positions: Assistant Dean, Graduate College, University of Illinois at the Medical Center - Chicago

Name: WILLIAM R. WALLACE  
Title: Acting Dean  
College: Dentistry  
Effective: July 1, 1980  
Salary: \$55,000.00 (12-month)  
Present Positions: Assistant Dean, College of Dentistry and Professor, College of Dentistry (Oral Surgery) and Department of Anesthesiology

Name: RICHARD D. JACKSON  
Title: Acting University Treasurer  
Office: Business and Administration  
Effective: July 1, 1980  
Present Position: Vice President for Business and Administration

Name: TIMOTHY LIGHT  
Titles: Professor and Chairman  
Department: East Asian Languages and Literatures  
Effective: October 1, 1980  
Salary: \$33,600.00 (9-month)  
Present Position: Associate Professor of Oriental Studies, University of Arizona

Name: DANIEL L. JENSEN  
Title: Professor (Ernst and Whinney Professorship)  
Department: Academic Faculty of Accounting  
Effective: October 1, 1980  
Salary: \$49,080.00 (9-month)  
Present Position: Visiting Professor, Graduate School of Business, Indiana University, Bloomington, Indiana

June 12, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

New and/or Reappointment of Chairmen of Departments, Academic Faculty,  
and Division

July 1, 1980 through June 30, 1984

Anatomy	Ronald L. St. Pierre
Family Medicine	Tennyson Williams
Obstetrics and Gynecology	Frederick P. Zuspan
Ophthalmology	William H. Havener
Otolaryngology	William H. Saunders
*Marketing	W. Wayne Talarzyk
Pathology	Donald A. Senhauser
Physical Education	Charles L. Mand
Physical Medicine	Ernest W. Johnson
Surgery	Larry C. Carey

July 1, 1980 through June 30, 1981

Radiology	Atis K. Freimanis
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October 1, 1980 through September 30, 1984

*Classics	Charles L. Babcock
Metallurgical Engineering	Paul G. Shewmon

#### \*New Appointments

#### Leaves of Absence Without Salary

RONALD W. HART, Professor, Department of Radiology, change date of leave from May 1, 1980 through April 30, 1981, to September 1, 1980 through August 31, 1981, to serve as Director, National Center for Toxicological Research for the Federal Drug Administration.

WILLIAM LYCAN, Professor, Department of Philosophy, effective January 1, 1981 through March 31, 1981, to serve as a Visiting Professor at the University of Michigan, Ann Arbor, Michigan.

JAMES C. SCHULTZ, Associate Professor, Department of Mathematics, effective July 1, 1980 through July 31, 1980, to serve as consultant with leaders in teacher training in Indonesia as part of a UNESCO-sponsored program.

JOHN D. BLACKBURN, Assistant Professor, Academic Faculty of Finance, effective October 1, 1980 through June 30, 1981, to visit the University of Pennsylvania's Wharton School.

MARTIN H. MALIN, Assistant Professor, Academic Faculty of Finance, effective October 1, 1980 through September 30, 1981, to visit Chicago-Kent College of Law.

June 12, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

MARY K. MARVEL, Assistant Professor, School of Public Administration, effective October 1, 1980 through September 30, 1981, to accept an appointment as a Visiting Scholar-in-Residence at the Hoover Institution at Stanford University.

ELEANOR S. BLOCK, Instructor, University Libraries, effective March 1, 1980 through July 6, 1980, for personal reasons.

NORA C. CHING, Instructor, Department of East Asian Languages and Literatures, effective April 1, 1980 through September 30, 1981, to provide service to the State Department of Ohio, International Trade Division, to accompany delegations to China or help host Chinese visitors in the United States.

ELIZABETH T. STEFANICS, Instructor, School of Health, Physical Education and Recreation, effective October 1, 1980 through September 30, 1981, to complete requirements for her Doctor of Philosophy degree at the University of Minnesota.

#### Professional Improvement Leaves

RICHARD N. PRATTE, Professor, Academic Faculty of Educational Foundations and Research, effective Winter Quarter 1981 and Spring Quarter 1981, be cancelled.

MARY R. TOLBERT, Professor, School of Music, effective Autumn Quarter 1980.

ROCCO D'ANGELO, Associate Professor, College of Social Work, effective Winter Quarter 1981 and Spring Quarter 1981.

HAROLD S. HIMMELFARB, Associate Professor, Department of Sociology, effective Autumn Quarter 1980, Winter Quarter 1981, and Spring Quarter 1981.

#### Emeritus Titles

C. ROGER SMITH, College of Veterinary Medicine, with the title Dean Emeritus, effective July 1, 1980.

PAUL E. FERTIG, Academic Faculty of Accounting, with the title Professor Emeritus, effective July 1, 1980.

JAN KORRINGA, Department of Physics, with the title Professor Emeritus, effective September 1, 1980.

EARL J. MICKLE, Department of Mathematics, with the title Professor Emeritus, effective July 1, 1980.

June 12, 1980 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

THOR R. RUBIN, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1980.

GORDON J. RYDER, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1980.

RICHARD W. BLETZACKER, Department of Civil Engineering, with the title Associate Professor Emeritus, effective July 1, 1980.

HAROLD E. KAESER, Department of Dairy Science, with the title Associate Professor Emeritus, effective July 1, 1980.

Upon motion of Mrs. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Devenow:

Before we leave this matter, I would like to personally thank Jim Kristoff, who did a great job. He was certainly very helpful to me when I was Chairman of the Fiscal Affairs Committee. I am sure I speak for every member of the Board that we wish him great success. We are not losing him because he isn't doing the job, but we are losing him because he is doing too good a job, unfortunately. Jim, we are sorry to lose you, but good luck in your new venture.

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### REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 80-133

*Synopsis: The report on contracts, grants and gifts and the summary for April are presented for Board acceptance.*

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**NOW THEREFORE**

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of April 1980, be approved.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

**SUMMARY FOR APRIL 1980**

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	92	\$5,361,138.00
Engineering Experiment Station	44	162,719.00
		\$5,523,857.00
The Ohio State University Development Fund	4,306 Donors	\$1,014,139.38

**Establishment of Named Funds**

Martha Brown Cancer Research Fund (College of Medicine)	\$ 15,000.00
The College of Pharmacy Advancement Fund (College of Pharmacy)	\$ 15,000.00
Michael S. Melton Hebrew Library Fund (Hebrew literature)	\$ 11,997.30
The Student Athlete Grant-in-Aid Endowment Fund (Department of Athletics)	\$ 10,189.06
The Alumni Club of Orange County and Long Beach Scholarship Club (California residents)	\$ 10,000.00

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR APRIL 1980 (contd)**

**Establishment of Named Funds (contd)**

H. William Clatworthy, Jr., Lectureship in Pediatric Surgery (Department of Surgery - Pediatrics)	\$ 9,126.70
John C. Morrow Memorial Fund (Department of Theatre)	\$ 5,356.00
The R. D. Barden Scholarship Award in Agricultural Engineering (Department of Agricultural Engineering)	\$ 5,000.00
The Porter, Wright, Morris & Arthur Professorship in Law Fund (College of Law)	\$ 5,000.00
The James F. Robeson Research Support Fund (College of Administrative Science)	\$ 5,000.00
The James E. Pollard Memorial Scholarship Fund in Journalism (School of Journalism)	\$ 3,805.00

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR APRIL 1980 (contd)**

**Report from Presidents Club**

Members to date	4,378
1980: year to date	992
New members - April 1980	317

**New Presidents Club Members - April 1980**

Dianne P. Albrecht	Marvin T. Buchholz
J. Michael A. Alexander	Daniel K. Buck
Judith A. Alexander (Mrs. Harry S.)	James M. Buckley
Joan L. Allen	Lee M. Butler
Shirley A. Anders (Mrs. William R.)	Belva M. Call (Mrs. Charles J.)
Ronald L. Anderson	Charles J. Call
Alfred G. Arndt	Harold P. Card
Steven C. Baker	G. William Catt
Susan M. Baker (Mrs. Dan W.)	Michael R. Cline
Ann Marie Ball	Bradley D. Clymer
David L. Barnes	Donald J. Cobb
John P. Beavers	Steven D. Cole
David W. Beck	Thomas B. Conner
Phyllis Beck (Mrs. David W.)	S. Ronald Cook
David L. Beckel	Wesley S. Cook
Beverly A. Beckwith (Mrs. Larry H.)	John N. Crandall
Phillip J. Beckwith	Michael S. Crane
Charles W. Bell	William P. Cseplo
David C. Bell	Herdon R. Cummings
John T. Belton	Berthold P. Cummins
Jackie Berkowitz	Janet A. Curl
Craig B. Berson	Hal J. Curry
Herbert A. Betts	H. James Cutcher
John M. Billy	Catherine A. Darr
Jack A. Bjerke	Cindy E. Davidson
Lawrence Bolden	James R. Davis
Marti Boldman	Jeffrey P. Davis
Richard W. Bowen	Linda J. Davis
Jack R. Bowman	Richard L. Dawley
Michael Braunstein	James R. Demuth
Leigh E. Briggs	James R. DeRoberts
Dale E. Brown	Andrew B. Derrrow
Harold D. Brown	Terrence A. Deye
Richard A. Brown	Susan E. Dilley
Timothy N. Browning	Daniel H. Dozer
John M. Brush	Robert M. Duncan

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR APRIL 1980 (contd)**

**New Presidents Club Members - April 1980 (contd)**

Paul W. Eastman	Todd A. Harshman
Debbie J. Eberle	Matt W. Hartman
Barbara E. Eimer	Thomas W. Hartsock
Anthony S. Elia	Steven A. Hatten
William A. Evanko	Charles R. Havener
Ralph W. Evans	Bruce L. Heflin
Charles M. Feeny	John J. Hegler, Jr.
Elliott P. Feldman	James B. Hickey, Jr.
Richard Ferguson	Randall L. Hicks
Robert W. Ferguson	Rick D. Hicks
Franklin P. Flowers	Keith H. Hill
Michael L. Franz	Lloyd E. Hill
Patricia Ann Franz (Mrs. Michael L.)	Robert B. Hirsh
Richard D. Fredecker	Ralph E. Hodges
Robert P. Freed	Edward H. Holliger
Harlan S. Friedman	Tamara F. Hoovler (Mrs. Donald W.)
Rodd A. Friedman	Carl Horton
Todd Eric Friedman	Wilmer F. Hosket
Donald E. Fuller	Katharine Bailey Hoyt
John A. Gabelman	Donna M. Huffman
Kimberly L. Garland	(Mrs. Raymond C.)
William A. Garringer	Raymond C. Huffman
Philip G. Gartrell	Robert S. Hughes
David A. Gaston	Anthony M. Iacovetta
Douglas G. Geib II	Ronald E. Ike
James M. Gerlach	Charles D. Jackson
Scott M. Gerlach	Nolan C. Jason
Gary M. Gilbert	David C. Jones
John C. Glandon	Anthony J. Joseph
Philip J. Glandon	Carl E. Juul-Nielsen
James R. Gleason	Ilmars Kalnins
Rebecca E. Gompf	Bradley R. Kastan
James H. Gordon	Brian S. Katz
Robert C. Gossman	Murray K. Katz
Joseph R. Greco	William R. Keaney
Donn W. Griffith	Jill L. Keenan (Mrs. Michael)
William H. Grosz	William J. Kelly, Jr.
James R. Halliwell	William D. Kientz II
Jayne E. Halliwell (Mrs. James R.)	Monica J. Kile (Mrs. David G.)
Leslie C. Hamill	Ronald M. Kirchner
Frederick N. Hanover II	John R. Klinck
Robert P. Harper	Edward G. Klopfer, Jr.



June 12, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### SUMMARY FOR APRIL 1980 (contd)

#### New Presidents Club Members - April 1980 (contd)

Nancy W. Knoop (Mrs. Charles L.)	Jon B. Musser
Jeffrey P. Koontz	John D. Myer II
Thomas R. Kottenstette	Carl A. Nelson, Jr.
Barbara A. Kraemer (Mrs. Charles T.)	Pamela J. Nelson
Max Kravitz	Sandra S. Nichols
Dema S. Krill (Mrs. Cleon D.)	Edward J. Nieberding
Richard B. Kuhn	K. Wallace Niedenthal
Elizabeth K. Kulow (Mrs. Keith R.)	Gary F. Olix
Charles J. Kurtz	Thomas F. O'Shaughnessy, Jr.
Asbjorn Kvammen, Jr.	Niles C. Overly
Jan H. Larson	Robinson M. Overly
Marcia C. Larson (Mrs. Robert L.)	George T. Owens, Jr.
Ronald J. Lebio	James J. Patton
Stephen A. Lemaster	Richard A. Perry
Stephen C. Light	James L. Phipps
Robert F. Littlehale III	J. William Plummer
Frederick M. Luper	Gary M. Poling
Linda S. MacKay (Mrs. John)	Jeffrey S. Pontius
James H. Maddox	Gary L. Porter
Richard M. Main	Robert L. Prior
Glyde A. Marsh	William E. Radebaugh
John T. Martin	Lawrence P. Randles
Michael T. Martin	Robert C. Rau
Jack P. Martz	Joseph R. Redman
Pamela J. Mascari (Mrs. Samuel J.)	George E. Resanovich
Bernard F. Master	William M. Reynolds
Eugene L. Matan	William J. Riat
Thomas M. Mathes	George Richards
Charles B. May	Thomas B. Roberts
James E. McAlister	John B. Rohyans
Russell A. McBride	Nicholas G. Roman
Patrick T. McCray	Carolyn C. Rowland
Margaret M. McLain	Janis E. Ruff
Brian N. McMahon	Daniel M. Runyan
Mark K. Merkle, Jr.	Louis B. Schaefer, Jr. IV
Joe R. Mesenburg	Jane M. Schmidt
James J. Miller	Susan L. Schmidt
John F. Miller	Diane L. Schmuck
William N. Morris	Harry R. S. Schneider
Robert D. Morrison	Karen R. Schneiderman
Clif H. Murfin	Howard P. Schnitz
Laura Lee Murphy	Thomas H. Schottenstein

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**SUMMARY FOR APRIL 1980 (contd)**

**New Presidents Club Members - April 1980 (contd)**

William J. Schottenstein	Dorothy G. Tonjes (Mrs. Ronald G.)
Fred W. Schwartz	Martha S. Turley
Judith L. Scott	Kenneth L. Underwood
George E. Serednesky	Ralph R. Verioti
Margaret B. Shackelford (Mrs. James)	David G. Vinsel
Carl E. Sharp	Charles R. von Schrietz
Frederick J. Sharp, Jr.	Jane B. Wallace (Mrs. William R.)
Jeffery W. Shaw	Marilyn F. Wallace (Mrs. A. Richard)
Edward A. Sheppard	Kirk G. Warner
Mark J. Sheriff	Prudence Wassmuth (Mrs. Allan W.)
Ellin S. Skapik (Mrs. Stephen M.)	Jack L. Weaver
Thomas L. Skinner	John A. Weber
Frederick P. Smith	Todd C. Weiser
Suzanne P. Smith (Mrs. Frederick P.)	John A. Wharff
Edward D. Sparks	Catherine E. Wheaton
Frances S. Starinchak	(Mrs. Edward A.)
Joseph Stegmayer	Edward M. Wick, Jr.
Robert L. Stegner	Judith S. Widing (Mrs. Robert E.)
Charles M. Steines	Suzanne M. Widing
Robert M. Stewart, Jr.	(Mrs. Christopher G.)
William B. Stoer	Douglas E. Williams
Mary G. Stover (Mrs. Stephen)	Roger D. Williams
Robert B. Strausbaugh	Phyllis K. Wilson
Dennis P. Sullivan	David C. Winters
Terrence T. Sullivan	John H. Winters
Alan J. Sutton	James T. Winzenreid
Donald F. Swarm	Barry H. Wolinetz
F. Joseph Tate, Jr.	Robert S. Wood II
David E. Tatman	John R. Workman
Karl B. Tauche	Ronald A. Wright
Clayborn C. Taylor	Peter P. Yasko
V. Craig Taylor	Frank W. Yoder
William R. Taylor	Charles R. Yoss
Terry N. Teeple	Brian H. Young
Jacquelyn J. Tell	David M. Young
Rick L. Terhune	Gerard Thomas Young
Danna E. Testa	James T. Young
Cheryl K. Thirtyacre	Arnold O. Zacks
(Mrs. Gregory H.)	Sandy E. Zeno (Mrs. Steven C.)
Herman E. Tice	Michael J. Zimmerman
Martha G. Timmons (Mrs. Ned T.)	

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THIRD QUARTER SUMMARY**

January 1, 1980 through March 31, 1980

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

Source	No. of Donors	Support Level
<b>ANNUAL GIVING</b>		
Direct Mail	429	\$ 10,961.00
AnnuaIs	695	11,102.50
Miscellaneous	5,191	163,827.94
Community Campaigns	3	45.00
Corporate Matching Gifts	134	65,493.00
<b>TOTAL</b>	<b>6,452</b>	<b>\$ 251,429.44</b>
<b>MAJOR RESOURCES</b>		
Deferred Gifts	14	\$ 184,850.21
Major Individuals	474	453,585.52
Corporations	164	480,965.69
Corporate Foundations	73	109,272.45
Private Foundations	18	78,224.51
Other Organizations	224	368,175.90
<b>TOTAL</b>	<b>967</b>	<b>\$1,675,074.28</b>
<b>GRAND TOTAL</b>	<b>7,419</b>	<b>\$1,926,503.72</b>

June 12, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

#### Federal Research Contracts/Grants

\$395,297.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. P. Balcerzak) and College of Pharmacy (L. Malspeis), 1 March 1980 through 28 February 1981. (Project 763982 - Continuation)

\$350,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., A Formative Evaluation of the Private Sector Initiative and HIRE II, Department of Political Science (R. B. Ripley), 1 April 1980 through 30 November 1981. (Project 761515 - Continuation)

\$223,435.00 - Environmental Protection Agency, Washington, D. C., Evaluation of a Short-Term *In Vivo* System for Risk Assessment of Environmental Chemicals, Department of Pharmacology (D. Couri), 1 April 1980 through 31 March 1981. (Project 762125 - New)

\$173,979.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Radiology (F. Batley), 1 January 1980 through 31 December 1980. (Project 761094 - Continuation)

\$150,453.00 - National Science Foundation, Washington, D. C., Dynamics of the Southern Portion of the Greenland Ice Sheet, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), Institute of Polar Studies (J. F. Bolzan), Institute of Polar Studies and Department of Mathematics (R. E. Ewing), and Department of Geodetic Science (I. I. Mueller), 15 April 1980 through 30 April 1981. (Project 762103 - New)

\$147,755.00 - National Endowment for the Humanities, Washington, D. C., Moral Negotiation as Moral Education: Rational Resolution of Moral Disagreements, Academic Faculty of Educational Foundations and Research (G. Reagan) and Department of Philosophy (B. Rosen), 1 April 1980 through 31 March 1982. (Project 762129 - New)

\$134,600.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Development of an Assay for Genetic Damage to Mammary Gland Cells, Department of Radiology (R. W. Hart) and Departments of Radiology and Pharmacology (S. D'Ambrosio and F. B. Daniel), 1 September 1980 through 31 August 1981. (Project 761268 - Continuation)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$132,132.00 - Environmental Protection Agency, Great Lakes National Program Office, Chicago, Illinois, Technical Assessment of the Lake Erie Intensive Study, Center for Lake Erie Area Research, College of Biological Sciences (C. Herdendorf), 1 March 1980 through 28 February 1981. (Project 762099 - New)

\$130,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research at Low and Intermediate Energies, Department of Physics (H. J. Hausman, S. L. Blatt and T. R. Donoghue), 1 November 1980 through 31 October 1981. (Project 761653 - Continuation)

\$127,751.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, General Research Support Branch, Bethesda, Maryland, Biomedical Research Support Grant, Department of Medicine Administration (H. G. Cramblett), 1 April 1980 through 31 March 1981. (Project 761078 - Continuation)

\$125,710.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pharmacology of ICRF-159 Related Analogues, College of Pharmacy (D. T. Witiak), Department of Microbiology and Cancer Research Center (B. S. Zwilling), and Department of Veterinary Pathobiology (A. Koestner), 1 May 1980 through 30 April 1981. (Project 761586 - Continuation)

\$115,904.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1980 through 31 May 1981. (Project 763284 - Continuation)

\$115,000.00 - Environmental Protection Agency, Washington, D. C., Kinetic Study of Simulated Atmospheres Containing Common Sulfur, Nitrogen and Carbon Pollutants, Department of Chemistry (J. G. Calvert), 1 April 1980 through 31 March 1981. (Project 761545 - Continuation)

\$108,043.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School - Administration (J. B. LaPidus), 1 April 1980 through 31 March 1981. (Project 764748 - Continuation)

\$106,901.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination (EPA), Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 November 1979 through 31 December 1980. (Project 760919 - Continuation)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$84,242.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1980 through 30 April 1981. (Project 763920 - Continuation)

\$80,000.00 - National Science Foundation, Washington, D. C., A Program of Research Using Low and Medium Energy Nuclear Physics Facilities, Department of Physics (R. N. Boyd), 1 May 1980 through 30 April 1981. (Project 761656 - Continuation)

\$75,600.00 - Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program Fellowships, Graduate School Administration (A. S. Pruitt), 1 September 1980 through 31 August 1981. (Project 762138 - Continuation)

\$75,590.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Expression of Epstein-Barr Virus in Hybrid Cells, Department of Medical Microbiology (R. Glaser), 1 April 1980 through 31 March 1981. (Project 761077 - Continuation)

\$69,989.00 - Environmental Protection Agency, Washington, D. C., The Role of Environmental Temperature in Carcinogenesis, Department of Physiology (H. Weiss), 14 April 1980 through 13 April 1981. (Project 762133 - New)

\$67,320.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Diazo, Diazirino, Azoxy and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1980 through 31 March 1981. (Project 762793 - Continuation)

\$64,895.00 - Lawrence Berkeley Laboratory, University of California, Berkeley, California, Thermodynamic Framework for Estimating the Efficiencies of Alkaline Batteries, Department of Metallurgical Engineering (D. D. Macdonald), 1 March 1980 through 28 February 1982. (Project 762132 - New)

\$64,610.00 - National Science Foundation, Washington, D. C., Stereoscopic Visual and Anemometry Studies of Coherent Motions in Turbulent Shear Flows, Department of Chemical Engineering (R. S. Brodkey), 1 April 1980 through 30 April 1981. (Project 761061 - Continuation)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$62,888.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Alpha-Adrenergic Effects on Heart Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 April 1980 through 31 March 1981. (Project 761055 - Continuation)

\$61,104.00 - National Science Foundation, Washington, D. C., Fundamental Characteristics of a Semifluidized Bed Bioreactor, Department of Chemical Engineering (L. S. Fan), 15 April 1980 through 30 April 1982. (Project 762137 - New)

\$58,845.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb), 1 April 1980 through 31 March 1981. (Project 760063 - Continuation)

\$56,029.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Cardiopulmonary Actions: Trimetoquinol Analogs, College of Pharmacy (D. D. Miller), 1 July 1980 through 30 June 1981. (Project 761574 - Continuation)

\$51,272.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Electrically Small Antennas, ElectroScience Laboratory, Department of Electrical Engineering (J. H. Richmond and C. H. Walter), 1 May 1980 through 30 April 1981. (Project 761622 - Continuation)

\$49,857.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1980 through 30 April 1981. (Project 764415 - Continuation)

\$48,785.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Subsonic Wing/Fuselage Aerodynamic Study, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 April 1980 through 31 March 1981. (Project 762114 - New)

\$47,400.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1980 through 30 June 1981. (Project 761787 - Continuation)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$45,150.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 June 1980 through 31 May 1981. (Project 761809 - Continuation)

\$42,981.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Regulation of Lipogenesis by Polyunsaturated Fats, Department of Food Science and Nutrition (S. D. Clarke), 1 April 1980 through 31 March 1981. (Project 761079 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Utilization of Range and Range-Difference Observations in Geodynamics, Department of Geodetic Science (I. I. Mueller), 1 April 1980 through 18 April 1981. (Project 761882 - Continuation)

\$39,236.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1980 through 31 March 1981. (Project 760661 - Continuation)

\$38,762.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (C. R. Smith), 1 May 1980 through 31 March 1981. (Project 762776 - Continuation)

\$36,163.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 April 1980 through 31 March 1981. (Project 760476 - Continuation)

\$35,121.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 March 1980 through 30 September 1980. (Project 760226 - Continuation)

\$35,035.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Kinetic-Elastic Approach for Time-Dependent Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 24 March 1980 through 30 September 1980. (Project 762084 - New)



June 12, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Federal Research Contracts/Grants (contd)**

\$29,880.00 - Department of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Noncontingency on Learning and Memory, Department of Psychology (D. D. Wickens), 1 April 1980 through 31 March 1981. (Project 760538 - Continuation)

\$24,938.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1980 through 31 December 1980. (Project 760325 - Continuation)

\$21,600.00 - National Science Foundation, Washington, D. C., Carbon Isotope Ratios in Stars, Department of Astronomy (R. F. Wing), 1 March 1980 through 28 February 1981. (Project 762135 - New)

\$18,758.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 January 1980 through 31 December 1980. (Project 761987 - New)

\$16,729.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Zero Modules and Inverse System Design, Department of Mathematics (B. F. Wyman), 1 April 1980 through 31 March 1981. (Project 762131 - New)

\$16,118.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Infection by Feline Leukemia, Department of Veterinary Pathobiology (E. A. Hoover and J. L. Rojko), 1 January 1980 through 31 December 1980. (Project 761041 - Continuation)

\$15,685.00 - National Science Foundation, Washington, D. C., Homotopy Type of the Group of Automorphisms of Compact Manifolds, Department of Mathematics (D. Burghlelea), 1 July 1980 through 30 June 1981. (Project 762118 - New)

\$15,000.00 - Solar Energy Research Institute, Golden, Colorado, Efficiency of Photochemical Cells, Department of Biochemistry (R. T. Ross), 1 February 1980 through 31 January 1981. (Project 762020 - New)

\$10,905.00 - Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Strategies to Disrupt Pregnancy in the Tsetse Fly, Department of Entomology (D. L. Denlinger), 1 May 1980 through 30 April 1981. (Project 762136 - New)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$10,000.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., An Ecological Study of Criminal Victimization, Department of Sociology (K. P. Schwirian and R. J. Kinkel), 7 April 1980 through 6 April 1981. (Project 762102 - New)

\$7,500.00 - Department of the Interior, Geological Survey, Columbus, Ohio, Data Analysis Assistance to U. S. Geological Survey, Water Resources Center, Engineering Experiment Station (R. C. Stiefel), 1 April 1980 through 30 September 1980. (Project 762105 - Continuation)

\$4,955.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Anthropology, Department of Anthropology (F. E. Poirier and D. M. Davidson), 15 April 1980 through 31 January 1981. (Project 762112 - New)

\$2,866.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Studies of Some Be Stars of Later Type, Department of Astronomy (A. Slettebak), 15 May 1980 through 14 May 1981. (Project 762142 - New)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for Agricultural Technical Institute, Wooster, Wooster Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762106 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762107 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, Newark Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762108 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, Mansfield Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762109 - Continuation)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, Lima Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762110 - Continuation)

\$1,900.00 - Department of Health, Education, and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, Marion Campus, University Libraries (G. D. Guthrie), 1 October 1980 through 30 September 1981. (Project 762111 - Continuation)

\$1,400.00 - National Science Foundation, Washington, D. C., Tri-State Nuclear Theory Conference - Columbus, Ohio, April 4-5, 1980, Department of Physics (B. C. Clark and B. Mulligan), 1 April 1980 through 30 September 1980. (Project 762117 - New)

\$1,050.00 - Department of Agriculture, Forest Service, Bedford, Indiana, Distribution and Habitat Characteristics of the Indiana Bat in Wayne National Forest, Ohio, Department of Zoology (T. A. Bookhout), 1 October 1979 through 30 September 1980. (Project 761336 - Continuation)

**TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS** **\$4,076,618.00**

**State of Ohio Research Contracts/Grants**

\$96,000.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, Ohio Public Executives Program, College of Administrative Science - Continuing Education (J. P. Stanley), 1 May 1980 through 30 April 1981. (Project 762121 - Continuation)

\$58,949.00 - State of Ohio, Department of Education, Columbus, Ohio, Effects of Early Education and Summer Schooling Projects, Academic Faculty of Exceptional Children (T. M. Stephens), 7 January 1980 through 31 December 1980. (Project 762073 - New)

\$42,989.00 - State of Ohio, Department of Natural Resources, Office of Civilian Conservation, Columbus, Ohio, Youth Conservation Corps Resident Camp at Barnebey Center for Environmental Studies, School of Natural Resources (J. M. Dowdy), 21 April 1980 through 30 September 1980. (Project 762144 - New)

\$41,850.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, Ohio Public Executives Program, College of Administrative Science - Continuing Education (J. P. Stanley), 1 May 1980 through 30 April 1981. (Project 762122 - Continuation)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$40,000.00 - State of Ohio, Board of Regents, Columbus, Ohio, Ohio Public Executives Program, College of Administrative Science - Continuing Education (J. P. Stanley), 1 May 1980 through 30 April 1981. (Project 762120 - Continuation)

\$5,316.00 - The Ohio Program in the Humanities, Columbus, Ohio, Communities at the Crossroads: Community Development and the Lima Region's Heritage and Future, Lima Campus and Department of Sociology (D. S. Adams) and Lima Campus and Department of English (K. T. Rainey), 7 March 1980 through 30 June 1980. (Project 762095 - New)

\$3,671.00 - State of Ohio, Department of Education, Columbus, Ohio, An Inserv-ice Education Project on Continuing Education in Agriculture, Department of Agricultural Education (L. E. Miller), 1 March 1980 through 30 June 1980. (Project 762115 - New)

\$3,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Incentive Grant Related to the Elimination of Sex Bias in the Department of Agricultural Education at The Ohio State University, Department of Agricultural Education (J. Knight), 1 May 1980 through 30 September 1980. (Project 762126 - New)

\$2,882.00 - State of Ohio, Department of Education, Columbus, Ohio, Workshop: "Energy Management in Agriculture," Department of Agricultural Education (L. E. Hedges) and Department of Agricultural Engineering (J. Gliem), 1 April 1980 through 30 June 1980. (Project 762119 - New)

**TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS** **\$ 294,657.00**

**Industrial, Private and Other Non-Federal Research Contracts/Grants**

\$587,589.00 - National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center Continuation--1 July 1980 - 30 September 1981, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1980 through 30 September 1981. (Project 762130 - Continuation)

\$150,004.00 - International Telecommunications Satellite Organization, Washington, D. C., Radar Measurement of Rain Cells, ElectroScience Laboratory, Department of Electrical Engineering (D. B. Hodge), 20 March 1980 through 19 October 1981. (Project 762080 - New)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$95,000.00 - Clarkson College of Technology, Potsdam, New York, (Task 4) Perform Technical Measurement to Determine Whether Discriminants Exist in the Time/Frequency Domain that Will Allow Characterization and Classification of Ground Based Tactical Targets, (Task 5) Derive Basic Understanding of Phenomenology Inherent in EM Scattering Characteristics of Stationary and Moving Tactical Ground Targets, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski), 28 March 1980 through 30 September 1980. (Project 761830 - Continuation)

\$25,000.00 - Roskam Aviation and Engineering Corporation, Ottawa, Kansas, General Aviation Low-Speed Airfoil Design and Development Service - Individual "Users" Orders, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 15 April 1980 through 30 June 1980. (Project 762145 - New)

\$24,234.00 - City of Columbus, Department of Finance, Management Services Division, Columbus, Ohio, Quality of Working Life Demonstration Effort, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 1 January 1980 through 30 June 1980. (Project 760790 - Continuation)

\$21,727.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Preclinical Evaluations of Pharmacodynamics Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 November 1979 through 31 December 1979. (Project 760245 - Continuation)

\$19,972.00 - Whirlpool Corporation, Benton Harbor, Michigan, Microwave Oven - Worst Case Probing Analysis, ElectroScience Laboratory, Department of Electrical Engineering (E. H. Newman), 15 April 1980 through 15 October 1980. (Project 762140 - New)

\$14,500.00 - Damon Runyon-Walter Winchell Cancer Fund, New York, New York, Short, Efficient and Stereoselective Synthesis of the First Members of the Dolastane Class, Department of Chemistry (L. A. Paquette and M. J. Chapdelaine), 1 April 1980 through 31 March 1981. (Project 761624 - Continuation)

\$12,250.00 - Southeastern Center for Electrical Engineering Education, Inc., Orlando, Florida, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics (L. C. Brown), 1 January 1980 through 30 September 1980. (Project 760734 - Continuation)

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$6,003.00 - Shawnee Local School District, Lima, Ohio, Comprehensive Long-Range Proposal of the Educational Facility Needs of the Shawnee Local School District, Lima, Ohio, Academic Faculty of Educational Administration (A. E. Wohlers), 1 February 1980 through 30 June 1980. (Project 762124 - New)

\$5,024.00 - Ohio Peace Officer Training Academy, London, Ohio, Counter-Terrorist Driving Tactics and Techniques, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1980 through 31 August 1980. (Project 762128 - New)

\$4,926.00 - Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Phase I of Guidance Assistance), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 31 December 1980. (Project 762081 - New)

\$4,159.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Educational Program for Testicular Self-Examination, Cancer Research Center (C. Cavalaris), 1 March 1980 through 31 August 1980. (Project 762113 - New)

\$3,816.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, Career Education Intern Project, Academic Faculty of Special Services (J. J. Quaranta), 1 November 1979 through 30 September 1980. (Project 761957 - Continuation)

\$3,530.00 - Piqua City School District, Piqua, Ohio, Projected Utilization of Existing Elementary School Buildings and Optional Future Housing Plans, Academic Faculty of Educational Administration (A. E. Wohlers), 1 December 1979 through 15 May 1980. (Project 762127 - Continuation)

\$2,600.00 - Greater Columbus Arts Council, Columbus, Ohio, The Logan Elm Press Children's Picture-Book Competition, Department of Art Education (K. Marantz and R. Tauber), 1 May 1980 through 30 June 1981. (Project 762143 - New)

\$2,499.00 - Anchorage School District, Anchorage, Alaska, Alliance for Career and Vocational Education (Phase II of Guidance Assistance), National Center for Research in Vocational Education (R. E. Taylor), 1 January 1980 through 31 December 1980. (Project 762081 - New)

\$2,000.00 - Cuyahoga Community College, Cleveland, Ohio, and Eastern Iowa Community College District, Davenport, Iowa, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

June 12, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

#### **Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)**

\$1,418.00 - Purdue University, West Lafayette, Indiana, Services in Support of a Research Program Entitled: "Geometry of Nuclear Spaces," Department of Mathematics (B. Mityagin), 1 September 1979 through 31 May 1980. (Project 762141 - New)

\$1,312.00 - Gallia County and Local Schools, Gallipolis, Ohio, Critique of Educational Site Goals, Academic Faculty of Educational Administration (A. E. Wohlers), 15 February 1980 through 31 March 1980. (Project 762123 - New)

\$1,000.00 - Midlands Technical College, Columbia, South Carolina, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$1,000.00 - Northern Essex Community College, Haverhill, Massachusetts, National Alliance of Postsecondary Education Institutions/Districts, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1979 through 30 June 1980. (Project 761599 - Continuation)

\$300.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1976 through 31 August 1980. (Project 760643 - Continuation)

<b>TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-</b>	
<b>FEDERAL RESEARCH CONTRACTS/GRANTS</b>	<b>\$ 989,863.00</b>

#### **ENGINEERING EXPERIMENT STATION**

##### **State Sponsored Research and Development**

\$49,596.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Evaluation of Sulphur-Asphalt Paving Mixtures in Ohio: A Laboratory and Field Investigation, Transplex, Department of Civil Engineering, May 1, 1980 through April 30, 1981. (EES 590/529070, Extension 1)

##### **Industrial and Other Sponsored Research and Development**

\$29,071.00 - Electric Power Research Institute, Palo Alto, California, Technical Planning Study of Model Transmissions Line Parametrics Experiments, Department of Electrical Engineering, April 10, 1980 through September 30, 1980. (EES 605/529085)

##### **Sponsored Development Projects**

\$84,052.00 from various sponsors for 42 development projects.

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND**

**Gifts of \$5,000 or More**

\$92,114.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$43,863.35 - SISA, Inc., Cambridge, Massachusetts, for Clinical Pharmacology Fund.

\$29,743.88 - Louise Orr Scott Foundation, Columbus, Ohio--\$22,307.91 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,435.97 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$19,982.50 - Japan Oil Transportation Co., Ltd., Tokyo 108, Japan, for Japanese Politics Studies Program.

\$18,000.00 - Battelle Memorial Institute, Columbus, Ohio, for WOSU Support Fund.

\$16,900.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$14,000.00 - Wyeth Laboratories, Philadelphia, Pennsylvania, for Anesthesia Research and Education Enhancement Fund.

\$10,832.00 - Sterling-Winthrop Research Institute, Rensselaer, New York, for Amrionone Research Dynamics.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,010.00 - Ted L. Hilty, D.D.S., Fremont, Ohio--\$5,005.00 for Student Athlete Grant-in-Aid Fund and \$5,005.00 for Orthodontia Library Fund.

\$10,000.00 - Anderson Concrete Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$10,000.00 - Brubaker/Brandt, Inc., Columbus, Ohio, for College of Engineering Special Fund.

\$10,000.00 - Castleton, Inc., Lexington, Kentucky, for Dean's Education and Research Fund in Veterinary Medicine.

\$10,000.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for Clinical Pharmacology Fund.



June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$10,000.00 - Republic-Franklin Insurance Company, Columbus, Ohio--\$5,000.00 for The Griffith Foundation Endowment Fund and \$5,000.00 for The James F. Robeson Research Support Fund.

\$9,410.18 - Estate Under the Will of Stephen J. Tracy, Jr., Flushing, New York, for undesignated project(s).

\$8,180.57 - Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$7,940.29 - Moffitt Royalty Trust, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$7,500.00 - Summer & Co., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$7,000.00 - Construction Equipment Group, Worthington, Ohio, for Student Athlete Grant-in-Aid Fund.

\$7,000.00 - Dow Chemical U.S.A., Midland, Michigan, for Dow Chemical Research Support.

\$7,000.00 - Pulmonary Associates, Columbus, Ohio, for Pulmonary Fund Respiratory Care Research Fund.

\$6,500.00 - Capital City Products Co., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$6,221.00 - Huntington Banks, Columbus, Ohio, for WOSU Support Fund.

\$5,776.97 - Dr. Med. A. Guggenbuhl, CH 2540 Grenchen, Switzerland, for Endowed Residency Position in Clinical Veterinary Surgery.

\$5,707.00 - The Stewart Foundation, Boston, Massachusetts, for Arthur Young Professorship in Accounting.

\$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for Alcoa Foundation Fellowship Fund.

\$5,000.00 - The Duriron Company, Inc., Dayton, Ohio, for Duriron Professorship in Metallurgical Engineering.

\$5,000.00 - Samuel P. Frantz, Mason, Ohio, for Presidents Club Special Fund.

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Gifts of \$5,000 or More (contd)**

\$5,000.00 - Miles Laboratories, West Haven, Connecticut, for Antibiotic Research Rotary.

\$5,000.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio, for Owens-Corning Fund.

**Gift-in-Kind**

\$18,000.00 - Union Carbide, South Charleston, West Virginia, equipment to be used in the Department of Engineering Mechanics.

**Establishment of Named Funds**

**Martha Brown Cancer Research Fund**

The Martha Brown Cancer Research Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Martha Jarvis Brown, B.A. '26.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used for cancer research. Distribution of the funds will be determined by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education and research.

**The College of Pharmacy Advancement Fund**

The College of Pharmacy Advancement Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the College of Pharmacy.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

June 12, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The College of Pharmacy Advancement Fund (contd)**

The annual income is to be used for the enrichment of the College of Pharmacy, i.e., student financial aid, faculty and staff development, support of a student recruitment program, library acquisitions, seminars, equipment, facilities improvement, student and alumni activities and research. The college is authorized to invade the principal amount of the endowment when necessary. All requisitions will be approved by the Dean of the College of Pharmacy.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for pharmaceutical education.

##### **Michael S. Melton Hebrew Library Fund**

The Michael S. Melton Hebrew Library Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with memorial gifts to The Ohio State University Development Fund from the family and friends of Michael S. Melton.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to purchase Hebrew literature. The objective of this memorial fund is to build a strong research collection to support the University's teaching and research programs in Jewish studies. Books in Hebrew have been printed almost since the birth of printing; consequently, the quantity and quality is great. Requisitions for the disbursement of funds will be approved by the Director of Libraries and the Vice President for Educational Services.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the preservation of Hebrew literature.

##### **The Student Athlete Grant-in-Aid Endowment Fund**

The Student Athlete Grant-in-Aid Endowment Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends of the Department of Athletics.

June 12, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **The Student Athlete Grant-in-Aid Endowment Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used by the Department of Athletics to help defray the overall grant-in-aid costs.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to the appropriate administrative official of the University who is then directly responsible for intercollegiate athletics.

##### **The Alumni Club of Orange County and Long Beach Scholarship Fund**

The Alumni Club of Orange County and Long Beach Scholarship Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Ohio State Alumni Club of Orange County and Long Beach, California.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students who have demonstrated academic ability and/or need for financial assistance, with preference being given to qualified California residents. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

##### **H. William Clatworthy, Jr., Lectureship in Pediatric Surgery**

The H. William Clatworthy, Jr., Lectureship in Pediatric Surgery was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. and Mrs. H. William Clatworthy, Jr., of Delaware, Ohio, and others, with the intent that a professorship be established as noted below:

June 12, 1980 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### H. William Clatworthy, Jr., Lectureship in Pediatric Surgery (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

After the fund reaches a principal value of \$25,000, not more than 50 per cent of the annual income or a maximum of \$1,500 therefrom is to be used to underwrite the cost of an annual lecturer on a subject related to the surgery of infants and children. The selection of the lecturer is to be made upon the recommendation of the Head of the Division of Pediatric Surgery, the Chairman of the Department of Surgery, in cooperation with the Dean of the College of Medicine. The remaining annual income, additional donations, and accrued interest acquired incident to the fund shall be added to the principal annually.

When the principal account reaches the amount of \$250,000, eighty-five per cent of the income from the fund shall thereafter be used to support a Professorship in Pediatric Surgery in Dr. Clatworthy's name. The remaining 15 per cent and any other income or donations received by the fund shall be applied to the principal annually. Thus, it is the direction of the donors that the initial endowed lectureship will eventually be converted into an endowed Professorship in Pediatric Surgery.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with the preference being given to the recommendations to meeting the educational goals of the College of Medicine in the care of children.

##### John C. Morrow Memorial Fund

The John C. Morrow Memorial Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from students, colleagues, and friends of John C. Morrow, Ph.D. Speech '63.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more research/travel grants for students in the Department of Theatre who are conducting significant research projects. The selection of the recipient(s) is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of the Arts.

June 12, 1980 meeting, Board of Trustees

## **REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

### **THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

#### **Establishment of Named Funds (contd)**

##### **John C. Morrow Memorial Fund (contd)**

Should the need for these grants cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for theatre education/training.

##### **The R. D. Barden Scholarship Award in Agricultural Engineering**

The R. D. Barden Scholarship Award in Agricultural Engineering was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Frances Barden and other alumni and friends of the Department of Agricultural Engineering.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students including freshmen and other undergraduates enrolled in agricultural engineering or agricultural mechanization and systems at The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon the recommendation of the Department of Agricultural Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

##### **The Porter, Wright, Morris & Arthur Professorship in Law Fund**

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

WHEREAS gifts and pledges of gifts have been received from several individuals for the establishment of the Porter, Wright, Morris & Arthur Professorship in Law; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Porter, Wright, Morris & Arthur Professorship in Law Fund (contd)**

WHEREAS at such time as the gifts reach a total of \$250,000, the annual income shall be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to the Porter, Wright, Morris & Arthur Professorship to be recommended to the Provost by the Dean of the College of Law, for approval by the Board of Trustees; and

WHEREAS the Professorship shall be known as "The Porter, Wright, Morris & Arthur Professorship in Law" but should the name of the firm change or should the firm dissolve, separate or merge with another firm, the name of this professorship may be changed, in the sole discretion of the Dean of the College of Law, to a name most clearly coinciding with the original purpose of this endowment; and

WHEREAS there will be a period until this fund reaches the level necessary to endow a professorship, the income from the fund may, until that time, be used in the discretion of the Dean of the College of Law in such manner as will best serve the needs of the College of Law, including, but not limited to adding the income to this endowed fund or establishing a designated professorship; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the College of Law:

**NOW THEREFORE**

**BE IT RESOLVED**, That "The Porter, Wright, Morris & Arthur Professorship in Law Fund" be established in accordance with the wishes of the donors.

**The James F. Robeson Research Support Fund**

The James F. Robeson Research Support Fund was established June 12, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni and friends of the College of Administrative Science.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and principal is to be used to further research in the College of Administrative Science. Distribution for this purpose may be made from income or principal or both, until the funds available to support research programs are exhausted.

June 12, 1980 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The James F. Robeson Research Support Fund (contd)**

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Administrative Science.

**The James E. Pollard Memorial Scholarship Fund in Journalism**

The James E. Pollard Memorial Scholarship Fund in Journalism was established June 12, 1980, by the Board of Trustees of The Ohio State University by gifts from family and friends in memory of the late James E. Pollard, Ph.D. '39, History, Professor Emeritus, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for either: (1) students of above average academic achievement in the School of Journalism, or (2) high school seniors of above average academic achievement who enroll in the School of Journalism. To receive a scholarship, the students must be enrolled in the School of Journalism during the time the scholarship is awarded.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism scholarships.

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**EMPLOYMENT OF ARCHITECT/ENGINEER**

**BULK CHEMICAL WAREHOUSE**

Resolution No. 80-134

*Synopsis: Employment of architect/engineer for design of Bulk Chemical Warehouse is presented for approval.*

WHEREAS the Stores Department's Bulk Chemical Warehouse is currently located in an underground facility located between McPherson Chemical Laboratory and the "Sawtooth"



June 12, 1980 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER (contd)**

**BULK CHEMICAL WAREHOUSE (contd)**

portion of McPherson; and the present facility, which was completed in 1930, does not meet the current standards for handling of these dry and liquid chemicals; and

WHEREAS it is proposed to relocate this warehouse type operation from the central part of the campus to a new facility of adequate size, located in the area north of the University Service Center and east of Kenny Road, and the new facility would be designed in accordance with current building standards and applicable environmental regulations, and a portion of the space within the facility would be made available for waste chemical processing and storage:

**NOW THEREFORE**

BE IT RESOLVED, That the firm of John Kincheloe, Architect, of Columbus, Ohio, be employed to provide architectural services for this project, which will include preliminary plans, basic working drawings, specifications, architectural rendering, estimates of cost, necessary bidding documents, and observation of the construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost estimated to be \$665,000. Funds for the project will be provided from Budget Account 882046.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PLANS AND SPECIFICATIONS**

Resolution No. 80-135

*Synopsis: Plans and specifications are being proposed for the following project.*

WHEREAS at the request of the Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimate of cost for the following project:

**ROBINSON LABORATORY, REPLACE HVAC UNIT**

Project:	Replace second floor HVAC unit. The existing unit is over twenty years old and is a high maintenance cost item.
Funding:	Budget Account 210134 (Contract Repair 1980-81)
Estimated Project Cost:	\$115,000.00

June 12, 1980 meeting, Board of Trustees

**PLANS AND SPECIFICATIONS (contd)**

**ROBINSON LABORATORY, REPLACE HVAC UNIT (contd)**

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimate of cost for the project listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACT AND  
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 80-136

*Synopsis: A contract has been awarded for the project enumerated below to the lowest and best bidder in accordance with University procedures.*

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of a contract for the following project:

**PARKING LOTS, MAINTENANCE AND REPAIRS - 1980**

Description: Portion of annual maintenance program for repairs and upgrading of existing parking lots.

**General Contract**

Date Received:	May 6, 1980
No. of Bids:	8
Low Bid:	\$229,993.00*
High Bid:	\$309,750.00*
Estimate of Cost:	\$386,945.00
Awarded to:	Miller Sealing and Trucking Co. (Hilliard, Ohio)

June 12, 1980 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND  
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

**PARKING LOTS, MAINTENANCE AND REPAIRS - 1980 (contd)**

Total Contract:                      \$229,993.00\*

Total Contingency Allowance: \$ 16,000.53 which is 7 per cent of construction costs

Total Project Cost:                      \$249,332.00

Funding:                                  Budget Account 885120 (Traffic and Parking Revenue)

\* Recommended alternates reflected in these figures.

**NOW THEREFORE**

BE IT RESOLVED, That pursuant to the action previously authorized by the Board, the award of a contract and the establishment of project funds and a contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT - COLUMBIA GAS OF OHIO, INC. -  
KENNY ROAD SOUTH OF LANE AVENUE**

Resolution No. 80-137

*Synopsis: Request for authorization to enter into an agreement for the renewal of an easement held by Columbia Gas of Ohio, Inc., along the west side of Kenny Road south of Lane Avenue.*

WHEREAS the University on February 11, 1965 by action of the Board of Trustees approved the granting of easement rights to Columbia Gas of Ohio, Inc., for construction of a four-inch (4") gas pipeline along Kenny Road south of Lane Avenue; and

WHEREAS said easement expired on May 12, 1980; and

WHEREAS the Department of Administrative Services has prepared the necessary legal instruments to renew said easement for a period of fifteen years; and

WHEREAS the appropriate University agencies (Physical Facilities and Campus Planning) have recommended that said renewal be granted:

June 12, 1980 meeting, Board of Trustees

**EASEMENT - COLUMBIA GAS OF OHIO, INC. -  
KENNY ROAD SOUTH OF LANE AVENUE (contd)**

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of the Department of Administrative Services, pursuant to his statutory duties, to act on behalf of the University to process the necessary legal instruments to provide for the easement renewal.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**LEASE OF LAND  
(LANE AVENUE AND NORTH STAR ROAD)**

Resolution No. 80-138

*Synopsis: Lease of land for a parking lot near the corner of Lane Avenue and North Star Road is proposed.*

WHEREAS the State of Ohio, for the use of The Ohio State University, has title to a parcel of land near the corner of North Star Road and Lane Avenue, located in the City of Columbus, Franklin County, Ohio; and

WHEREAS The Franklin Bank of Columbus, Ohio, has expressed an interest in leasing a portion of said land for an initial term of 25 years for the purpose of constructing a parking lot and drive-in bank; and

WHEREAS it has been determined that the leasing of such land for the construction of a parking lot will not interfere with the use of adjacent University land; and

WHEREAS it has been determined that this land is not currently needed to carry out the educational mission of The Ohio State University:

**NOW THEREFORE**

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate and sign, on behalf of the University, a lease with The Franklin Bank and to request the Ohio Department of Administrative Services to act for and on behalf of the University in completing the legal instruments required to provide for said lease.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with eight affirmative votes and Mr. Havens abstaining.

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June 12, 1980 meeting, Board of Trustees

**AMENDMENT TO LEASE AGREEMENT -  
G. C. MURPHY COMPANY**

Resolution No. 80-139

*Synopsis: Authorization to execute an Amendment of Lease Agreement with G. C. Murphy Company is requested.*

WHEREAS at the March 7, 1980, meeting of the Trustees, a Sales Agreement was authorized to be executed for the sale of 218-258 West Center Street, Marion, Ohio, to Marion Power Shovel Company, Division of Dresser Industries, Inc.; and

WHEREAS the Sales Agreement included a provision that Paragraphs XX and XXI of the Lease Agreement with G. C. Murphy Company be waived by the lessee; and

WHEREAS G. C. Murphy Company is agreeable to waiving its rights under Paragraphs XX and XXI if the University agrees to modify Murphy's renewal options in Paragraph XIX from two (2) additional ten-year (10) periods to four (4) additional five-year (5) periods.

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to execute an Amendment of Lease Agreement which will modify said lease in order to facilitate the closing of the sale of said property.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**TREASURER'S BOND**

Resolution 80-140

*Synopsis: Treasurer's Bond is being proposed pursuant to Section 3335.05 of the Ohio Revised Code.*

WHEREAS Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines; and

WHEREAS the Board of Trustees has determined that a bond of \$3,000,000 per incident will be adequate protection for the probable amount that realistically will be under the Treasurer's control in any one year:

June 12, 1980 meeting, Board of Trustees

**TREASURER'S BOND (contd)**

**NOW THEREFORE**

**BE IT RESOLVED**, That the bond of Richard D. Jackson, Acting Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$3,000,000.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

**TRANSFER ADVISEMENT OF \$20,000,000 OF UNIVERSITY NON-ENDOWMENT  
MONIES FROM NATIONAL INVESTMENT SERVICES OF AMERICA, INC.,  
TO HUNTINGTON INVESTMENT MANAGEMENT COMPANY**

Resolution No. 80-141

*Synopsis: Transfer advisement of \$20,000,000 of University non-endowment monies from National Investment Services of America, Inc., to Huntington Investment Management Company is presented for Board acceptance.*

**WHEREAS** Huntington Investment Management Company of Columbus has been advising the University on the investment of \$15,000,000 of endowment funds; and

**WHEREAS** their results have been good relative to the market; and

**WHEREAS** a change is desired regarding the advisement of \$20,000,000 of University non-endowment monies presently being handled by National Investment Services of America, Inc., of Milwaukee:

**NOW THEREFORE**

**BE IT RESOLVED**, That the responsibility for the advisement of the University regarding \$20,000,000 of non-endowment monies be transferred from National Investment Services of America, Inc., to Huntington Investment Management Company, and the Vice President for Business and Administration or the Treasurer is hereby authorized to execute the necessary documents to affect this transfer.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

June 12, 1980 meeting, Board of Trustees

**REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO**

Resolution No. 80-142

RESOLVED, That the report on the University's Investment Portfolio, dated May 16, 1980, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, July 11, 1980, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

Chester Devenow  
Chairman

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